

DEPARTMENT OF THE ARMY  
US ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE  
ABERDEEN PROVING GROUND, MD 21010-5403

## PEST MANAGEMENT BULLETIN

The *Pest Management Bulletin*, a quarterly publication of the U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM) Entomological Sciences Program, is devoted to keeping installation pest management and preventive medicine personnel informed and up-to-date in the rapidly changing field of pest management.

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This Bulletin is designed to keep you informed. Therefore, your comments and suggestions are welcome. If you have a problem, a solution, or a personal observation about any aspect of pest management, please send it to us. Write to the following address: Commander, US Army Center for Health Promotion and Preventive Medicine, ATTN: MCHB-TS-OEN (*Pest Management Bulletin*), 5158 Blackhawk Road, Aberdeen Proving Ground, MD 21010-5403, or call us at DSN 584-3773 or commercial (410) 436-3773.

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<http://chppm-www.apgea.army.mil/ento>

## SEASON'S GREETINGS



We would like to take this opportunity to wish you and your family a most joyous holiday season. With these increasingly difficult times, we hope that each and every one of you will take time to reflect on the true meaning of the holidays. We would like to wish Peace and Goodwill to all.

As hard as it is to believe, this issue of the *Pest Management Bulletin* begins our 23<sup>rd</sup> year of publication. We continue to attempt to provide the pest management community with timely information. To that end, we would encourage you to contact us with your ideas for Bulletin articles. Also, if you have an article that might be of interest to the pest management community, please feel free to send it to us for publication. We can be reached at the DoD Pesticide Hotline at DSN 584-3773 or commercial (410) 436-3773. Or, you can reach us by Email at [Kenneth.Olds@apg.amedd.army.mil](mailto:Kenneth.Olds@apg.amedd.army.mil).

## NOTES FROM THE 168<sup>TH</sup> AFPMB MEETING

The following are some of the highlights from the recent Armed Forces Pest Management Board Meeting.



- The information contained in TIM #5, Land Snails, will be combined into the next revision of TIM #31, Contingency Retrograde Washdowns: Cleaning and Inspection Procedures.
- TIM #23, A Concise Guide for the Detection, Prevention and Control of Schistosomiasis in the Uniformed Services, will be discontinued. This information will be incorporated into the appropriate regional DVEPS.
- Sonar AS and Sonar SRP will be added to the standard pesticide list.
- A National Stock Number (NSN) will be assigned to the new formulation of Camouflage Face Paint Inset Repellent with 30% DEET.
- Version 3.0 of IPMIS is projected for completion at the end of January 2002.
- The version 3.0 IPMIS Tutorial is also in progress. This Tutorial provides step-by-step instructions for downloading and using the IPMIS program. This tutorial may be found at <http://www.envirosoftinc.com/Tutorial>.
- The names for the current TIM's (Technical Information Memorandum) will be changed to AFPMB Technical Guides.

## IT'S IN THE NEWS



### ? Pesticide Devices

According to the September 2001 issue of *Pest Control* magazine, The US Federal Trade Commission has sent warning letters to more than 60 manufacturers and retailer of ultrasonic pest management devices, stating that efficacy claims about those products must be supported by scientific evidence.

According to the article, between 1985 and 1997, the FTC bought law enforcement actions against six companies that allegedly made false and unsubstantiated claims about the effectiveness of ultrasonic devices. Each of those cases was resolved by consent order.

### ? Pesticide Shop/Storage Safety

The October 2001 issue of *The Georgia Pest Management Newsletter* has an article titled "Could terrorists obtain pesticide from you?" In this article, they list a number of steps you can take to make sure that your pesticides are secure from unauthorized persons. While the majority of these are spelled out in Technical Guide #17, Military Handbook 1028/8A, *Design of Pest Management Facilities* (<http://www.afpmb.org/pubs/tims/tim17.htm>), they are worth repeating here.

- Establish and maintain facility perimeter security.
- Limit access to all storage areas, and tightly control access keys.
- Do not store more pesticide than you will need.
- Promptly dispose of unwanted pesticides (Contact your DRMO)
- Store unwanted pesticides under lock-and-key until proper disposal can be arranged.
- Assure that locks are casehardened, tamper-resistant, and in top working order.
- Use cable seal locks to secure individual storage containers.
- Maintain thorough stock records and perform frequent inventories.
- Establish contact with local Military Police and fire authorities.
- Post a list of emergency contacts (names, phone numbers, etc.) at facility entrance exterior.

Security also involves being alert to unusual or suspicious actions. Indications that something is amiss may include unusual behavior by an individual who:

- Seems unfamiliar with details of using a pesticide
- Acts nervous, seems uneasy or vague, and avoids eye contact.

For more information on security issues associated with pesticides, visit the EPA webpage, *Pesticide Safety and Site Security* at [http://www.epa.gov/pesticides/citizens/pest\\_secu\\_alert.htm](http://www.epa.gov/pesticides/citizens/pest_secu_alert.htm)

## **? Alaska Goes After Illegal Pesticide Dealers Online**

November 19, 2001

Knight-Ridder Tribune - Sarana Schell, Anchorage Daily News, Alaska

Undercover agent Betsy Packard, according to this story, fumbled. Her part in an online sting operation on illegal pesticide sales to Alaska had been going well, but so far she'd just filled in online order forms. Her first nibble on a serious violation required a phone call, and she didn't have the script down yet.

What would the pesticide be used for, the seller in Missouri wanted to know. "I told the guy it was for something to do with pigeons," Packard explained. The story says that Avitrol, a bird pest poison, had recently been banned in New York after being linked to the death of federally protected red-tailed hawks.

Maybe it was beginner's luck, but the story goes on to say, the Alaska Department of Law summer intern with the chirpy voice and one year of law school rolled in five out-of-state vendors willing to sell illegal pesticides. The state is seeking more than \$50,000 in fines in civil proceedings. Alaska's operation is one of several recent attempts to understand the nebulous and potentially deadly trade in poison over the Web. The Roundup and Weed-N-Feed sorts of products people buy off shelves and wheel to checkout stands in grocery carts next to their children probably make up the bulk of pesticide use in the state, said state pesticide overseer Rosemary Lombardi. But pesticides encompass far more than the standard insecticide and herbicides than people think of, she said. (AGNET, 21 NOV 01)

## **? France Bans Triazine Herbicides**

November 16, 2001

In September 2001, France's Ministry of Agriculture announced a nationwide ban on atrazine and related triazine herbicides due to threats they pose to human health and their "generalized presence" in water supplies.

The ban calls for the withdrawal of atrazine, simazine and cyanazine from the French market by September 30, 2002, and prohibits their use in other products after June 30, 2003. Switzerland's Syngenta AG, Israel's Makteshim and Italy's Sipcam-Oxon are the world's biggest producers of the chemicals, according to France's pesticide industry group. Use restrictions were also announced for the triazine herbicides terbuthylazine, ametryne and terbutryne.

## ? Aquatic Pest Management CD Available

Dr. Al Cofransesco and the Waterways Experiment Station have developed version 5 of the "Noxious & Nuisance Plant Management Information System." If you would like a copy of this CD, please contact Dr. Cofransesco at [cofrana@wes.army.mil](mailto:cofrana@wes.army.mil)

## VECTOR-BORNE DISEASE UPDATE



### Dengue and Dengue Hemorrhagic Fever

#### Panama

PANAMA CITY: More than 860 cases of dengue fever and another 6 cases of the potentially deadly dengue hemorrhagic fever (DHF) have been reported in Panama so far this year, placing the country on the verge of an epidemic, national health authorities warned on Wed 21 Nov 2001. In Panama City 3 cases of DHF have been reported, while the other 3 cases were reported on the western outskirts of the capital in the La Chorrera district.

Health authorities said 864 cases of the less dangerous variety of dengue fever have been reported so far this year, most of them in Panama City and in outlying areas west of the city. A spokesman for the Panamanian Health Ministry said the area west of Panama City, home to some 150 000 people, runs the risk of an epidemic of the potentially deadly DHF. The spokesman said that more than 400 cases of dengue fever have been detected in that area so far this year. (PROMED, 20 NOV 01)

#### Malaysia

A total of 497 confirmed dengue cases were detected between 1 Jan and 17 Nov 2001 in Penang, state executive councillor for health Dr K Rajapathy said today [Wed 28 Nov]. Of the total, 254 cases were detected in the island and the rest in Seberang Perai on the mainland; 39 of these were dengue hemorrhagic fever. (PROMED, 20 NOV 01)

#### Bangladesh

DHAKA: Dengue is again on the rise with the monsoon shedding its farewell drizzles over the city. Empty cans and containers with accumulated fresh, stagnant water in them are the ideal breeding places for the *Aedes* mosquito, the vector of dengue.

There is also alarm in the Dhaka Medical College (DMC) dormitories as more than 20 medical students and doctors [have contracted] dengue fever in the past 2 weeks, and 5 of them are still being treated in the hospital. Students of Dhaka University and Bangladesh University of Engineering and Technology (BUET), who live in the vicinity of the medical college, are also getting infected. (PROMED, 21 NOV 01)

## Nicaragua

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Between January and the first week of November, 1481 cases of the more common classic dengue fever were confirmed, whereas only 759 were registered in the same period last year, Montes added. According to ministry officials, another 8516 people suspected of having dengue were examined in health care centers. The health authorities have recommended prevention measures for major cities, specifically the elimination of breeding grounds for the mosquitoes that carry the virus, such as flooded areas and water containers. (PROMED, 21 NOV 01)

## Puerto Rico

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A high number of cases of mosquito-borne dengue fever has led Puerto Rican health officials to declare an alert, the Secretary of Health Johnny Rullan said on Thu 8 Nov 2001.

He said there had been 1038 cases of the disease in October, the first time in 3 years in the U.S. territory that the number of dengue cases in one month passed the 1000 mark.

No one has died from the disease.

## USA – Hawaii

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The Department of Health has identified one more case of dengue fever in Kane'ohe, bringing the statewide total to 85. The new Kane'ohe patient is part of a family in which other members already have been identified with the mosquito-borne disease, according to department officials. As with many of the cases the department is now reporting, the patient had the disease some time ago.

There are now 18 confirmed cases on O'ahu, with most of them clustered on the windward side: 7 of the cases are in Kane'ohe, 5 in La'ie, 3 in Hau'ula, and there is one in each in Kailua, 'Aiea, and Honolulu. On Maui, where the disease was first reported, there are 62 cases. Kaua'i has 5.

## West Nile Virus

### West Nile Summary

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During 2001, a total of 45 human cases of WNV encephalitis or meningitis has been reported from New York (12), Florida (10), Connecticut (6), Maryland (6), New Jersey (6), Pennsylvania (3), Georgia (1), and Louisiana (1). Among these 45 cases, 24 (53%) were in men; the median age was 70 years (range: 36 to 90 years); dates of illness onset ranged from 13 Jul to 7 Oct 2001; three persons died.

During 2001, totals of 4517 crows and 1474 other birds with WNV infection were reported from 26 states and the District of Columbia.

During 2001, 176 WNV infections in other animals (all horses) were reported from 14 states (Alabama, Connecticut, Florida, Georgia, Indiana, Kentucky, Louisiana, Massachusetts, Mississippi, New York, North Carolina, Pennsylvania, Tennessee, and Virginia).

During 2001, 753 WNV-positive mosquito pools were reported from 15 states (Connecticut, Florida, Georgia, Illinois, Kentucky, Maryland, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, and Virginia) and the District of Columbia. (PROMED, 18 NOV 01)

#### Equine cases of West Nile virus infection: 1 Jan through 20 Nov 2001

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Four hundred and sixteen cases (413 confirmed, 3 probable) of clinical West Nile virus (WNV) infection have been reported in horses from 19 states. The latest reported date of onset of illness was 17 Oct 2001. Additional cases with later onset dates are likely to be confirmed in the near future.

At least 70 of 294 horses for which an outcome has been reported (24 per cent) died or were euthanatized. The numbers of equine deaths associated with WNV infection by State are: Florida, 32; New Jersey, 8; Georgia, 5; Connecticut, 4; Pennsylvania, 4; Louisiana, 3; Mississippi, 3; New York, 2; and 1 in each of Delaware, Illinois, Indiana, Kentucky, Massachusetts, Maryland, North Carolina, Tennessee, and Virginia. [Note: Several states are currently reporting cases of clinical WNV infection in horses that have not yet been counted here. Efforts will continue to be made to gather additional information on such cases in order to be able to include as many as possible in future summary reports.] (PROMED, 27 NOV 01)

## ENTOMOLOGIST KEEPING PESTS AT BAY

Mr. Wayne Patton, HQ. USAREUR, forwarded the following article about Mr. Franco Lidron, DPW entomologist, Vicenza, Italy. The article was published on the USAREUR webpage and on the ODCSENGR webpage. Congratulations Mr. Lidron and thank you Wayne.

Story and photos by Michael Tolzmann, ODCSENGR Public Affairs

CASERMA EDERLE, Vicenza, Italy – When needed, residents here can't wait for Franco's arrival. Women scream over his work, and squirmy men take delight in his covert, cunning ways. But for the pesky residents, an encounter with Franco could be their last.





Snakes, rodents, cockroaches, wasps, bats and stray cats all want residency at this cozy little Northern Italian U.S. Army post. Every little crack, crevice, or hole could yield a new home. Franco Lidron finds great interest in these creepy creatures, but delivers swift eviction or eradication when residency conflict between man and creature combine.

“They call about rats, snakes or wasps ... for me these things are normal. It’s not a big problem ... but for them it’s a big problem! When they call about a bat or a snake ... this is really a big problem. I go. I put the animal in a box, remove it and release it somewhere else. Just like that ... problem solved,” said Lidron, post entomologist at the 22<sup>nd</sup> Area Support Group, Vicenza, Italy, Environmental Management Office.

this job and I enjoy to do this kind. It is completely different from any jobs. I’ve had many people ask me, you do this job? I cannot do that!”

a woman called me ... she was very excited. She screamed, ‘Please help me! I was in my bathtub and I felt something drop on my foot, and it was a scorpion.’”

Franco Lidron uses a live “hissing cockroach” to help students overcome their fear of bugs. The hissing cockroach is clean bug, compared to other cockroaches that often carry disease.

“I love of work. other ‘How can “One day

Please come here and help me.’ She was scared because she thought there was a nest of them. But there was a small hole in the ceiling under the light, and I’m sure the scorpion was attracted to the light. They usually are alone,” Lidron said.

“Another time I had a call about a big black snake ... it was longer than one meter. This type is aggressive, but not poisonous. When I arrived I looked into the storage shed where they said the snake went, and the shed was messy and full of things. I asked for help to clear the shed out ... they said, ‘no way ... the snake is in there!’”

For Franco, occurrences of man verses nature are all part of his typical routine. But according to Office of the Deputy Chief of Staff, Engineer, Entomologist Wayne Patton, control of pests is important for military communities.

“Trained pest management specialists, like Franco, are necessary to perform unique and often difficult pest control operations that can not be accomplished by untrained or unskilled personnel. Without skilled people like Franco, our facilities could potentially become too hazardous to work in or overrun with vermin. Pest management has evolved into a science and to be successful you must have a thorough understanding of what you're trying to do ... Franco has the necessary skills,” Patton said.



Lidron, 43, an Italian local national, provides entomology services for the Vicenza area Army community including Caserma Ederle, Ammunition Storage Number Seven, the Verona school and area Army warehouses. He began working at the Environmental Office as an environmental health technician (post entomologist) in May, 1998, but has worked for the U.S. Army at Caserma Ederle since 1980. College educated in Padova, Italy, in the 1970s, he studied

agriculture/entomology. Despite his education, Lidron's first job with the

Army was cooking hamburgers at the Vicenza Snack Bar. Later he was a gardener. Next he worked at the Directorate of Public Works Utilities Office. Some 18 years of Army employment passed before he began working in his true field of calling.



Franco Lidron is a man of many interests. At his home, Lidron grows grapes, figs, kiwis, cactuses, and has a collection of more than 140 turtles. Here he displays three recent generations of turtles.

"Now after all these years, I finally find the work of my schooling. I like this job ... I really like this job." Lidron said he waited until his predecessor retired to obtain this position.

"We used to have three entomologists here and now we have one," said Frank McStay, Jr., 22<sup>nd</sup> ASG, Vicenza, Environmental Management Office chief. "Franco is very busy here. He is such an asset to our community. Not only does Franco enjoy what he does, but he's really good at it. He goes way beyond what is required. Like developing a program to catch stray cats ... I don't think that's a basic entomology task, but he's doing it for us here.

"In a warm southern climate, like what we've got here in Italy, there's always the problem of bugs and pests. So if you don't have someone on staff, you can't respond quickly to a problem such as the cat problem we've had ... developing cat and bat control programs are an added value to us. I don't think they're part of his job description."

Lidron developed a stray-cat capture program and is weeding out the sick cats on post. Children are at risk with wild cats – a scratch from a stray cat can cause infection and some carry disease. He uses an animal-safe trap, and sometimes he's surprised by what he finds.



Lidron and a DPW worker install a "bat house" at Caserma Ederle. Bat houses provide sanctuary for post bats that are tempted to find openings in buildings for refuse

"The good news today is that we caught five stray cats. The bad news is that three were hedge hogs," McStay said.

Another new project Lidron developed is houses for bats. Lidron said bats are very common around Vicenza and they look for small openings in buildings for entry. By placing a specially made bat house near small openings the bats are likely to choose living in the box, rather than inside the building where they draw a lot of attention and leave

unwanted guano.

Lidron also said wasps are a big and serious problem here, especially in July and August. "When it is dry and hot ... that is the perfect season for the wasp ... and this area is perfect for the German Wasp. Some people don't discover they have a problem until they get stung," he said.

Last year Lidron found more than 1,500 wasp nests. He finds the nests everywhere. Sometimes they're found under hot vehicles that have been sitting in the sun. Others are found in small holes in the ground. Sometimes they're found in just about any little nook or cranny. He uses an environmental safe product called pyrethrum – a water/chemical solution that has a very low residual effect and is safe for the environment. He also uses a wasp trap he developed – he even freezes some. Netting over his face and head is must during wasp encounters he said.

"Right now the Army is very sensitive to increasing the use of pesticides. Franco is looking for new ways to use pesticides in a reduced way. He's looking into a new type of mosquito fogger that will reduce the amount of pesticides used," McStay said.

"In the winter, the biggest problem is rats and mice. During the changing of seasons, the heat may be on during a relatively warm day, so people open their doors. A mouse could be cold outside, so they go inside where it is warm. I've had people here who find chewed food on their desk," Lidron said.

Some of what he does may not be in his job description, but his work comes from a real passion for the world of bugs – a passion developed as a child.

At the age of seven, Franco Lidron was catching dragonflies and any bug he could find – he lived near a rice patty. "My mother was upset all the time. I'd go to out to the field at 1 p.m. and not return until 8 o'clock in the evening. She thought I was lost or something. I'd come home with bugs and fish ... the rice patties are full of frogs and fish. I'd catch the snakes too."

“My love for insects is from years and years ago,” Lidron said. “My teacher, who was an old man, had a fantastic collection of bugs he had collected his whole life. He taught me how to collect and preserve bugs ... and I continued to do the same.”

Today Lidron’s bug collection is huge and consists of hundreds of species, all displayed under glass. “It is helpful for me and the people who come here ... they can tell me what kind of problem they have, and we can identify the bug here in my office. Then I’ll know what it is that we have to do.”

He also volunteers time teaching children the differences between bugs. He believes by increasing awareness, children can loose their natural fear of insects. Lidron has taught at his daughter’s Italian grade-school class, and hosts children from Vicenza Elementary in his office for hands-on close-up looks at bugs.

“When he was showing us all these bugs I started thinking I was a bug – and bugs are cool. I learned how bugs survive, and now I’ll watch out for the big hornets,” said Alex Knoch, 9, of Vicenza Elementary’s third grade. “He is good for catching bugs because no one else knows so much about bugs.”

“The kids really respond to his classes. Entomology can be boring, but Franco knows how to make it interesting. You can see the fear response go away with increased exposure to bugs,” McStay said.

Franco’s interests go beyond the pests he chases at work. At his home in Grumolo Delle Abbadesse – a nearby village his family has lived in for 700 years – Franco grows everything from short Bonsai trees, fig trees and cactuses, to red and white grapes and four different kinds of kiwi all hanging from vines. Chickens and ducks roam his property as his collection of 140 turtles slowly move about.

“My wife says I collect to many things. She said if I’m not careful, one day she’ll cook the turtles and dig up all my plants! But for me, living is to do many things.”

On post, as his day moves close to an end, Lidron goes to check on the work orders for the next day. “Ciao Franco,” is heard as he walks by – he’s one of the most well know and liked employees on the Post. “Franco has such a can-do attitude. He does not have in his vocabulary, ‘we can’t do that.’ He always finds a way,” McStay added.

Lidron reads his work orders for the next day. “They say they have a real big mouse.” He chuckles a bit ... “big mouse?”



Frankie McStay, 11 (right) and Alex Knoch, 9, removed a boxed pigeon that Lindron captured. These children and other Vicenza area students released the bird in a safe location



## COURSES FOR DOD CERTIFICATION



[Appendix A](#) lists the DoD certification and re-certification classes being offered. If you are interested in any of these courses, please contact the referenced POCs.

Visit: <http://www.afpmb.org/pubs/courses/courses.htm>

## UPCOMING EVENTS



For additional meetings, please visit these sites:

[Other meetings from Colorado State WWW](#)

[Other meetings from Pest Control Technology Online](#)

\* \* \* \* \* 2001 \* \* \* \* \*

### DECEMBER

2 December - 5 December 2001. **Ohio Pest Control Association 55th annual meeting**, Wyndham Hotel, Dublin, OH. Contact: April Snyder, 614-221-1900 or [april@assnoffices.com](mailto:april@assnoffices.com).

3 December - 5 December 2001. **Northeastern Mosquito Control Association, Annual Meeting**, Hawthorne Hotel, Salem, MA. Contact: <http://www.nmca.org> or e-mail [nmca@juno.com](mailto:nmca@juno.com).

3 December-9 December 2001. **2nd AFRICAN ACAROLGY SYMPOSIUM**, Nairobi, KENYA. Theme: "Novel Approaches to Tick and Mite Management in the New Millennium." Contact: M. Knapp, ICIPE, PO Box 30772, Nairobi, KENYA. E-mail: <MKnapp@icipe.org>. Fax: 254-2-860110.

9 December – 13 December 2001. **Entomological Society of America (ESA) Meeting**, Town and Country Resort Hotel and Convention Center, San Diego, CA. Contact: ESA, (301) 731-4535 or visit the website at <http://www.entsoc.org>

9 December – 14 December 2001. **General Pest Control Residential Training**, Warwick University Coventry, England. Contact: British Pest Control Training, 1 Ground Floor, Gleneagles House, Vernon Gate, Derby, DE1 1UP, 01332 294288 or email [enquiry@bpca.org.uk](mailto:enquiry@bpca.org.uk)

12 December 2001. **Insect Identification**, Warwick University, Coventry, England. Contact: British Pest Control Training, 1 Ground Floor, Gleneagles House, Vernon Gate, Derby, DE1 1UP, 01332 294288 or email [enquiry@bpca.org.uk](mailto:enquiry@bpca.org.uk)

13 December - 14 December 2001. **Missouri Pest Control Association (MPCA) Annual Conference**, Tan-Tar-A, Osage Beach, MO. Contact: 800-848-MPCA.

\* \* \* \* 2002 \* \* \* \*

#### JANUARY

8 January - 10 January 2002. **Congress 2002 - Canada's International Horticultural Trade Show and Conference**, Toronto Congress Centre, Toronto, Ont., Canada. Contact 905-875-1805 or e-mail [showinfo@landscapeontario.com](mailto:showinfo@landscapeontario.com) or visit the webpage at <http://www.hort-trades.com>

21 January - 23 January 2002. **Mid-Atlantic Mosquito Control Association, Annual Meeting**, Wyndham Baltimore Inner Harbour, Baltimore, MD. Contact: <http://www.mamca.org>.

27 January - 29 January 2002. **Mosquito and Vector Control Conference**, Tenaya Lodge, Yosemite, CA. Contact: 916-440-0826.

29 January - 31 January 2002. **DOD-USDA Research Review**, Walter Reed Army Medical Center, Silver Spring, MD. Contact: LTC Richard Johnson, (301) 295-7476 or e-mail [richard.johnson@osd.mil](mailto:richard.johnson@osd.mil)

31 January - 1 February 2001. **Michigan Mosquito Control Association, Annual Meeting**, Crystal Mountain, Thompsonville, MI. Contact: MCA, 989-687-5044.

#### FEBRUARY

3 February - 10 February 2002. **GCSAA's 73rd International Golf Course Conference and Show**, Orange County Convention Center, Orlando, FL. Contact: GCSAA Service Center, (800) 472-7878 or e-mail [mbrhelp@gcsaa.org](mailto:mbrhelp@gcsaa.org)



10 February - 13 February 2002. **WEED SCIENCE SOCIETY OF AMERICA ANNUAL MEETING**, Reno, NV, USA. Contact: WSSA, J. Lancaster, PO Box 1897, Lawrence, KS 66044, USA. E-mail: <[jlancaster@allenpress.com](mailto:jlancaster@allenpress.com)>. Fax: 1-913-843-1274. Phone: 1-913-843-1235.

17 February – 20 February 2002. **American Mosquito Control Association's Annual Meeting**, Adam's Mark Hotel, Denver, CO. Contact: AMCA, 318-474-2723.

24 February - 27 February 2002. **Southwestern Branch, Entomological Society of America** (Joint with the Mexican Entomological Society), Real de Minas, Guanajuato, Mexico. Contact: Pat Morrison, 979-845-7026, [w-morrison1@tamu.edu](mailto:w-morrison1@tamu.edu)

### MARCH

3 March - 6 March 2002. **Southeastern Branch, Entomological Society of America**, Double Tree Hotel, Little Rock, AR. Contact: Gus Lorenz, 501-671-2191, [glorenz@uaex.edu](mailto:glorenz@uaex.edu).

10 March - 12 March 2002. **Eastern Branch, Entomological Society of America 73rd Annual Meeting**, Carousel Beachfront Hotel and Suites, Ocean City, MD. Contact: Roger Youngman, 540-231-9118, [youngman@vt.edu](mailto:youngman@vt.edu)

13 March - 15 March 2002. **PCT Rodent Management Summit**, Courtyard Marriott Downtown, Chicago, IL. Contact: PCT, 800-456-0707.

24 March - 26 March 2002. **INTERNATIONAL IPM CONFERENCE**, Toronto, CANADA. Contact: M.E. Appleby, OMAFRA, 95 Dundas St., R.R.#3 Brighton, ONT K0K 1H0, CANADA. E-mail: <[margaret.appleby@omafra.gov.on.ca](mailto:margaret.appleby@omafra.gov.on.ca)>. Fax: 1-613-475-3835. Phone: 1-613-475-5850.

24 March - 27 March 2002. **North Central Branch, Entomological Society of America**, Kellogg Hotel and Conference Center, East Lansing, MI. Contact: Chris DiFonzo, 517-353-5328, [difonzo@pilot.msu.edu](mailto:difonzo@pilot.msu.edu).

### APRIL

2 April - 5 April 2001. **169th Meeting of the Armed Forces Pest Management Board**, Forest Glen Section, Walter Reed Army Medical Center, Washington, DC. Contact: LTC Richard Johnson, (301) 295-7476 (DSN 295) or e-mail [richard.johnson@osd.mil](mailto:richard.johnson@osd.mil).

3 April - 5 April 2002. **The Society for Veterinary Epidemiology and Preventive Medicine Annual Conference**, Robinson College, Cambridge, England. Contact: Alasdair JC Cook, +44 (0)1932 357997 or e-mail [a.j.cook@vla.maff.gsi.gov.uk](mailto:a.j.cook@vla.maff.gsi.gov.uk)

### JUNE

16 June - 19 June 2002. **Pacific Branch, Entomological Society of America**, Harrah's Lake Tahoe Resort, Lake Tahoe, NV. Contact: Kurt Volker, 509-966-1081, [kurt.volker@agna.zeneca.com](mailto:kurt.volker@agna.zeneca.com)

JULY

7 July - 10 July 2002. **4th International Conference on Urban Pests**, Charleston, SC. Contact: ICUP webpage at <http://entweb.clemson.edu/urban/ICUP2002.htm>

22 July - 26 July 2002. **5th International Conference of Hymenopterists**, Friendship Hotel, Beijing, China. Contact: [sea@panda.ioz.ac.cn](mailto:sea@panda.ioz.ac.cn) or visit the website at <http://www.ioz.ac.cn/zcd/>

AUGUST

SEPTEMBER

8 September - 13 September 2002. **11TH INTERNATIONAL CONGRESS OF ACAROLOGY**, Merida, MEXICO. Contact: J.B. Morales-Malacara, XI ICA Secretary, Lab. de Acarologia, Dept. de Biologia, Fac. de Ciencias, Univ. Nacional Autonoma de Mexico, Coyoacan 04510 DF, MEXICO. E-mail: <JBMM@hp.fciencias.unam.mx>. Fax: 52-5-622-4828. Phone: 52-5-622-4923.

12 September - 13 September 2002. **ROYAL ENTOMOLOGICAL SOC. ANNUAL MEETING**, Cardiff, UK. Contact: H. Jones, [Jonesth@cardiff.ac.uk](mailto:Jonesth@cardiff.ac.uk)

NOVEMBER

17 - November - 21 November 2002. **ENTOMOLOGICAL SOCIETY OF AMERICA ANNUAL MEETING**, Fort Luderdale, FL. Contact: ESA, 9301 Annapolis Rd., Lanham, MD 20706-3115, USA. Fax: 1-301-731-4538. Phone: 1-301-731-4535. E-mail: <esa@entsoc.org>. Website: <[www.entsoc.org](http://www.entsoc.org)>.

DECEMBER

\* \* \* \* 2003 \* \* \* \*

OCTOBER

26 October - 30 October 2003. **ENTOMOLOGICAL SOCIETY OF AMERICA ANNUAL MEETING**, Cincinnati, OH, USA. Contact: ESA, 9301 Annapolis Rd., Lanham, MD 20706-3115, USA. E-mail: <esa@entsoc.org>. Fax: 1-301-731-4538. Website: <[www.entsoc.org](http://www.entsoc.org)>. Phone: 1-301-731-4535.



NOVEMBER

November \* **BRIGHTON CROP PROTECTION CONFERENCE 2003**, Brighton, UK. Contact: The Event Organization, 8 Cotswold Mews, Battersea Square, London SW11 3RA, UK. E-mail: <[eventorg@event-org.com](mailto:eventorg@event-org.com)>. Fax: 44-171-924-1790. Website: <[www.BCPC.org](http://www.BCPC.org)>.

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No date **ANNUAL MEETING, SOCIETY OF NEMATOLOGISTS**, Ithaca, NY, USA. Contact: W. Brodie, USDA-ARS, Dept. of Plant Path., 334 Plant Science, Cornell Univ., Ithaca, NY 14853, USA. E-mail: <[BBB2@cornell.edu](mailto:BBB2@cornell.edu)>. Fax: 1-607-255-4471. Phone: 1-607-272-3745.

\* \* \* \* 2004 \* \* \* \*

JULY

24 July - 28 July 2004. **AMERICAN PHYTOPATHOLOGICAL SOCIETY ANNUAL MEETING**, Spokane, WA, USA. Contact: APS, 3340 Pilot Knob Road, St. Paul, MN 55121-2097, USA. E-mail: <[aps@scisoc.org](mailto:aps@scisoc.org)>. Fax: 1-612-454-0766. Website: <[www.scisoc.org](http://www.scisoc.org)>.

NOVEMBER

7 November - 11 November 2004. **ENTOMOLOGICAL SOCIETY OF AMERICA ANNUAL MEETING** Salt Lake City, UT, USA. Contact: ESA, 9301 Annapolis Rd., Lanham, MD 20706-3115, USA. Fax: 1-301-731-4538. E-mail: <[esa@entsoc.org](mailto:esa@entsoc.org)>. Website: <[www.entsoc.org](http://www.entsoc.org)>.

**DOD STOCK LISTED PESTICIDES**



The updated list of DoD Stock-listed pesticides can be found in [Appendix B](#). Please note that changes are listed in bold. The most current list can always be found on the AFPMB web page at: <http://www.afpmb.org/standardlists.htm>

## DOD EQUIPMENT LIST



[Appendix C](#) lists the DoD Pest Management Material Other Than Pesticides. The most current list can always be found on the AFPMB website at:

<http://www.afpmb.org/standardlists.htm>

## DOD CONTINGENCY PESTICIDE LIST



Appendix D lists the DoD Contingency Pesticides. The most current list can always be found on the AFPMB website at:

<http://www.afpmb.org/standardlists.htm>

## ON THE LIGHTER SIDE



### RULES OF LIFE

1. The two most common elements in the universe are hydrogen and stupidity
2. If at first you don't succeed, skydiving is not for you.
3. Money can't buy happiness, but it sure makes misery easier to live with.
4. Deja Moo. The feeling that you've heard this bull before.
5. Psychiatrists say that 1 out of 4 people are mentally ill.

Check out three of your friends. If they're OK, guess what.

6. Nothing in the known universe travels faster than a bad check.
7. A truly wise man never plays leapfrog with a unicorn.

8. It has recently been discovered that research causes cancer in rats.
9. If you are given an open book exam, you will forget your book.
10. It may be that your sole purpose in life is simply to serve as a warning to others.
11. You can't fall off the floor.
12. The average woman would rather have beauty than brains, because the average man can see better than he can think.
13. Clothes make the man. Naked people have little or no influence on society.
14. Vital papers will demonstrate their vitality by moving from where you left them to where you can't find them.
15. Law of Probability Distribution. Whatever it is that hits the fan will not be evenly distributed.

## **APPENDIX A**

### **DOD CERTIFICATION COURSES**

#### **AIR FORCE COURSES**

1. For information on the following courses, contact Ms. Haris Georges, 366 TRS/TRRT, 727 Missile Road, Sheppard AFB, TX 76311-2254, DSN: 736-3538, Fax: 736-3345. Classes are conducted at Sheppard AFB, TX. Quotas are obtained through the Unit or MAJCOM Training Managers.

**Pest Management Certification** - J3AZR3E453-003 is a four-week training course that meets the basic requirement for initial certification training under DoD 4150.7-M, Plan for Certification of Pesticide Applicators of Restricted Use Pesticides. Achievement of the minimum passing scores satisfies the formal training and testing requirement for initial certification in the core phase of pest control and pest control Category 3, Ornamental and Turf; Category 5, Aquatic; Category 6, Right-of-Way; Category 7, Industrial, Institutional, Structural, and Health-Related; and Category 8, Public Health. This course DOES NOT satisfy the OJT and correspondence course requirements for certification. All DoD personnel who have held DoD certification in one or more pest control categories but cannot meet the requirements for triennial recertification, according to DoD 4150.7-M, are eligible to attend. Personnel who possess current certification are NOT eligible to attend this course.

APR 9 - MAY 4, 2001

AUG 20 - SEP 17 2001

**Pest Management Recertification** - J3ARR3E453-002 is a one week course that meets the basic requirements for recertification training under DoD 4150.7-M, Plan for Certification of Pesticide Applicators of Restricted Use Pesticides. Achievement of the minimum passing scores satisfies the formal training requirements for recertification in the core phase of pest control and pest control Category 3, Ornamental and Turf; Category 5, Aquatic; Category 6, Right-of-Way; Category 7, Industrial, Institutional, Structural, and Health-Related; and Category 8, Public Health. Students are allowed to return to duty after testing in only the core phase and in the categories in which they hold initial certification. Only DoD personnel who require triennial recertification to apply restricted use pesticides are eligible to attend. Personnel should be within one year of expiration of their DD Form 1826.

SEP 17 - 21, 2001

2. For information on the following course, contact Capt Armando Rosales, USAF School of Aerospace Medicine, Brooks AFB, TX 78235-5123, Tel: (210) 536-3734, DSN Prefix 240, e-mail: <[armando.rosales@brooks.af.mil](mailto:armando.rosales@brooks.af.mil)>. Information is also available on the WWW at: <<http://wwwsam.brooks.af.mil/web/eh/html/bugs.htm>>.

**Operational Entomology Course (OEC)** - #B30ZY43M3-000 is a two-week training course that builds individual capabilities to perform surveillance and control for disease vectors that significantly impact military missions during war or operations other than war. Emphasis is placed on preventing vector-borne disease morbidity and mortality. Instruction includes vector biology, vector-borne disease, surveillance techniques, risk assessment, and control strategies. The OEC provides academic instruction, practical exercises, and field experience. Additional details can be obtained from the USAFSAM/PH Web page at:

<<http://wwwsam.brooks.af.mil/web/eh/entomology/usafento.htm>>.

The OEC is evaluated for 64 CME credits for officers and four CCAF credits in biology for enlisted personnel. Prerequisites: Students must fully qualify for worldwide deployment and have no medical condition limiting full participation in the field portion of the course. The course is open to active duty, ANG, and AFRC personnel with AFSCs of 4E0X1, 4S0X1 (SEI 496), 3E4X3, 43H3, 43M3, 48A3, and 48P3, or their DoD equivalents, and other personnel with consent of the faculty. Priority is given to active duty personnel assigned to mobility positions or from installations with a high risk of vector-borne disease. Enlisted personnel must be E-4 or higher. Officers must be fully qualified in their AFSC and have a minimum of one year of service. ECL 80 SA.

**Special Requirements:** The uniform for military students is BDUs, coveralls for civilians. Individuals allergic to bee stings or other venomous arthropods should bring an anaphylaxis emergency kit. The training office or student must provide the Course Supervisor, DSN 240-3734, with a telephone contact for the student.

3 - 14 Jun 02

5 - 16 Aug 02

9 - 20 Sep 02

3. For information on the following courses, contact Ms. June Brewer, 910 AW, YARS, Vienna, OH 44473-0910, Tel: (330) 609-1111/1178, Fax: (330) 609-1616, DSN Prefix 346. Information is also available on the WWW at:

<[http://www.afrc.af.mil/units/910aw/aerial-spray\(PUBLIC\)/AERIALSPRAY/index.htm](http://www.afrc.af.mil/units/910aw/aerial-spray(PUBLIC)/AERIALSPRAY/index.htm)>.

**Aerial Application of Pesticides (Certification)** - #AAP-01 is a one-week course that addresses the tenets and methodologies for aerial application of pesticides, with an emphasis on operational aspects and military applications. The primary scope of the course includes general principles, legal aspects, contracts, map types and preparation, spray system calibrations, aerial spray math, DoD spray systems, meteorological effects, occupational health and safety, operations and mission support, disease control, pilot's view, private applicator's view, environmental aspects, computer modeling, swath and droplet characterization, pesticide monitoring, public relations, contingency wartime usage, spill prevention and containment, and other pertinent operational issues involving the use of aerial spray. The course features guest lecturers from the U.S. Army, U.S. Navy, U.S. Department of Agriculture, private applicator firms, and other government agencies. It is offered once each June.

### **ARMY COURSES**

1. For information on the following courses, contact SSG Kerry McKinley, Academy of Health Sciences, U.S. Army, ATTN: MCCS-HPM, Fort Sam Houston, TX 78234-6100, Tel: (210) 221-6801/6733, DSN Prefix 471, E-mail: [kerry.mckinley@amedd.army.mil](mailto:kerry.mckinley@amedd.army.mil)>. Classes are conducted at Fort Sam Houston, TX.

#### **Pest Management Certification Course (6H-F12/322-F12):**

1-02 (Golf Course Personnel Only)	07 Jan 02	18 Jan 02
2-02	18 Mar 02	05 Apr 02
3-02	03 Jun 02	21 Jun 02
4-02	22 Jul 02	09 Aug 02

#### **Recertification (6H-F13/322-F13)**

1-02	10 Dec 01	14 Dec 01
2-02	04 Feb 02	08 Feb 02
3-02	25 Feb 02	01 Mar 02
4-02	15 Jul 02	19 Jul 02
5-02	09 Sep 02	13 Sep 02

2. For information on courses in Germany, contact CPT(P) Dwight Rickard, USACHPPM-EUR, CMR 402, APO AE 09180, Tel: 49-6371-86-8540/44, DSN: 486-8544. Classes are conducted at the USACHPPM-EUR, Landstuhl, Germany.

3. For information on courses taught at the Environmental Training Center, contact Ms. Gail Boeff, ATTN: ATZR-BT, Fort Sill, OK 73503-5100, Tel: (580) 442-2111, Fax: (580) 442-5722, DSN Prefix 639. The Environmental Training Center at Fort Sill, OK,

conducts a variety of environmental, natural resources and occupational health courses.

### **NAVY COURSES**

**1.** For information on the following courses, contact HM2 Whalen, NDVECC, Naval Air Station Jacksonville, Box 43, Jacksonville, Florida 32212, Tel: (904) 542-2424 ext 3029, Fax: (904) 542-4324, DSN Prefix 942. Unless noted otherwise, classes are conducted at the Disease Vector Ecology and Control Center, NAS Jacksonville, Jacksonville, FL.

**Pesticide Applicator Training (Core)** (B-322-1070), Instruction for Initial Certification:

MAR 5 - 12, 2001

SEP 10 - 17, 2001

MAR 4 - 11, 2002

**Plant Pest and Vegetation Management** (B-322-1071), Initial Certification for

Categories 2, 3, 5 & 6:

MAR 13 - 16, 2001

SEP 18 - 21, 2001

MAR 12 - 15, 2002

**Arthropod and Vertebrate Pest Management** (B-322-1072), Initial Certification for

Categories 7 & 8:

MAR 19 - 28, 2001

SEP 24 - OCT 3, 2001

MAR 18 - 27, 2002

**Recertification** (B-322-1074)

FEB 21 - 22, 2001

APR 10 - 11, 2001

NOV 6 - 7, 2001

APR 9 - 10, 2002

**Operational Entomology Training** (B-322-1077), designed for A/D & Reserve PMTs, EHOs, Entomologists, Epidemiologists & others assigned to PM units:

MAY 7 - 18, 2001

OCT 15 - 26, 2001

FEB 4 - 15, 2002

MAY 6 - 17, 2002



**Medical Entomology and Pest Management Technology (Reserve Training) (B-322-1050):**

FEB 5 - 16, 2001

JUN 4 - 15, 2001

JUL 16 - 27, 2001

FEB 4 - 15, 2002

May 6 - 17, 2002

2. For information on the following courses, contact HM1(SW) Compton, NDVECC, 19950 Seventh Ave., NE, Suite 201, Poulsbo, WA 98370-7405, Tel: (360) 315-4450, Fax: 4455, DSN Prefix 322, E-mail: <[postmaster@ndvecc.navy.mil](mailto:postmaster@ndvecc.navy.mil)>. Unless otherwise noted, classes are conducted at the Navy Disease Vector Ecology and Control Center, Bangor, WA.

**Pesticide Applicator Training (Core) (B-322-1070)**, Instruction for Initial Certification:  
SEP 10 - 17, 2001

**Plant Pest and Vegetation Management (B-322-1071)**, Initial Certification for Categories 2, 3, 5 & 6:  
SEP 18 - 21, 2001

**Arthropod and Vertebrate Pest Management (B-322-1072)**, Initial Certification for Categories 7 & 8:  
SEP 24 - OCT 3, 2001

**Recertification Course (B-322-1074)**, Category 8:  
FEB 6 - 9, 2001  
JUL 17 - 20, 2001  
DEC 11 - 14, 2001

**Operational Entomology Training (B-322-1077)**, Recertification in DoD Category 8 is available as part of the course. Note: Reservists who have attended CIN: B-322-1050 and whose certification has not expired may attend this course.

JUN 18 - 29, 2001\*

\*Camp Pendleton

**Shipboard Pest Management (B-322-1075): NDVECC(B)**  
MAR 7, 2001  
JUN 6, 2001\*

JUN 13, 2001

JUL 11, 2001

SEP 5, 2001

OCT 24, 2001\*

OCT 31, 2001

\* Ingleside, TX

## **APPENDIX B**

### DoD Stock Listed Materials

#### **ARMED FORCES PEST MANAGEMENT BOARD (AFPMB) STANDARD PESTICIDES LIST AVAILABLE TO DOD COMPONENTS AND AGENCIES**

**DECEMBER 1, 2001**

**This list contains pesticides that the Armed Forces Pest Management Board (AFPMB) has approved for DLA/DSCR stockage. DoD policy (DoD Instruction 4150.7) requires that the use of most of these pesticides whether procured from DLA or locally, must be pre-approved by a professional pest management consultant. This is usually done when the consultant approves the Installation's pest management plan. DoD policy also requires that only trained and certified applicators may apply pesticides on DoD installations.**

**Only authorized personnel should procure and use these pesticides. Note: For Contingencies, see the Contingency Pesticide List and AFPMB Technical Information Memorandum 24.**

<b>NSN 6840-</b>	<b>Item (Alternative Trade Name)</b>	<b>Unit Package</b>	<b>AAC*</b>	<b>Price</b>	<b>Unit Issue</b>	<b>Users+</b>
00-063-3981	Algaecide, Copper Sulfate, 80.16% pentahydrate, crystal (Cuprose)	50-lb bag	L	-----	BG	A,F
00-282-0971	Fungicide, Wood Preservative, copper naphthenate mixture (COP-R-NAP)	5-gal co	D	<b>179.71</b>	CO	A,N,F,M
01-209-6298	Fungicide, Wood Preservative, copper naphthenate mixture (COP-R-NAP RTU)	5-gal co	L	-----	CO	A,N
01-360-4741	Fungicide, Methylisothiocyanate (MITC-FUME) <b>***RESTRICTED USE PESTICIDE***</b>	18 tubes	L	-----	CO	A,N,F,M
01-457-6588	Fungicide, Methyl Azoxystrobin, 50% (Heritage)	(6) 1- lb. cont.	J	2100.00	BX	A,N,F,M
00-392-7593	Herbicide, Bromacil, 21.9% lithium salt of bromacil, liquid (Hyvar X-L)	(2) 2.5-gal co	D	<b>317.22</b>	BX	A,N,F,M

01-408-9079	Herbicide, Bromacil, 40.8%, wettable powder (Hyvar X)	(12) 4-lb bags	H	<b>1188.33</b>	BX	A,N,F,M
01-005-7523	Herbicide, Diquat, 35.3%, water soluble liquid (Reward)	1-gal co	D	<b>117.39</b>	GL	F
00-815-2799	Herbicide, Diquat, 35.3%, water soluble liquid (Reward)	(2) 2.5-gal co	D	<b>606.31</b>	BX	A,N,F
01-341-9346	Herbicide, Diuron, minimum 80% diuron, granular	25-lb bag	D	<b>121.15</b>	BG	A,N,F
00-001-7710	Herbicide, Diuron-Bromacil mixture, 40% bromacil, 40% diuron, granular (Krovar I DF)	6-lb bag	D	<b>77.41</b>	BG	A,N,F
01-108-9578	Herbicide, Isopropylamine salt of glyphosate, 41%, water soluble liquid (Roundup Pro)	(2) 2.5-gal co	D	<b>258.07</b>	BX	A,N,F
01-388-0142	Herbicide, Isopropylamine salt of glyphosate, 41%, water soluble liquid (Roundup Pro)	30-gal drum	D	<b>1535.22</b>	DR	A,N,F
01-356-8893	Herbicide, Isopropylamine salt of glyphosate, 41%, water soluble liquid (Rodeo)	(2) 2.5-gal co	D	<b>321.13</b>	BX	A,N,F,M
01-377-7113	Herbicide, Isopropylamine salt of glyphosate, 0.96%, water soluble liquid (Roundup Ready-to-Use)	24-oz pump spray bottle	D	<b>5.12</b>	BT	F
01-399-0673	Herbicide, Isopropylamine salt of glyphosate, 0.96%, water soluble liquid ( <b>Roundup Pro Dry</b> )	<b>5 pkg.</b>	D	<b>57.20</b>	BX	A,N,F,M
01-356-8902	Herbicide, Isopropylamine salt of imazapyr, 27.6% (Arsenal)	(2) 2.5-gal co	D	<b>1602.59</b>	BX	A,N,F,M
01-318-7417	Herbicide, Oryzalin, 40% (Sulflan A.S.)	1-gal bot	L	-----	GL	A,N,F,M
00-145-0013	Herbicide, Prometone, 25% prometone, emulsifiable concentrate (Pramitol 25E)	5-gal can	D	<b>96.42</b>	CN	A,F
<b>01-</b>	<b>Herbicide, Methyl</b>	<b>48-oz co</b>	<b>H</b>	<b>659.30</b>	<b>CO</b>	<b>A,N,F,M</b>

<b>356-8891</b>	<b>Sulfometuron , 75% (Oust XP)</b>					
01-319-2890	Herbicide, Tebuthiuron (Spike 80W)	4-lb bag	L	-----	BG	A,N,F,M
01-457-6576	Herbicide, Tebuthiuron-Diuron, 1% Tebuthiuron, 3% Diuron (Spraykil SK-13)	40 lb. container	<b>D</b>	<b>92.66</b>	CO	A,N,F,M
00-577-4194	Herbicide, 2,4-Dichlorophenoxy-acetic acid (2,4-D), oil miscible/water emusifiable liquid (low volatile ester form)	(2) 2.5-gal co	H	<b>105.06</b>	BX	A,N,F,M
00-664-7060	Herbicide, 2,4-Dichlorophenoxy-acetic acid (2,4-D), water soluble liquid (amine salt form)	(2) 2.5-gal co	H	<b>130.88</b>	BX	A,N,F,M
01-377-7110	Herbicide, 2,4-Dichlorophenoxy-acetic acid (2,4-D), 0.4%, water soluble liquid (amine salt form) (Weed-B-Gon)	24-oz pump spray bottle	D	<b>6.01</b>	BT	F
00-753-4963	Insect Repellent, clothing application, 75% DEET, 25% ethanol	2-oz bottle	<b>V</b>	<b>1.31</b>	BT	A,N,F,M
01-278-1336	Insect Repellent, clothing application, aerosol (Permethrin Arthropod Repellent)	(12) 6-oz cans	D	<b>37.20</b>	BX	A,N,F,M
01-284-3982	Insect Repellent, personal application, (3M/EPA 58007-1)	(12) 2-oz tubes	D	<b>56.19</b>	BX	A,N,F,M
01-334-2666	Insect Repellent, clothing application, 40% permethrin, liquid (2-Gal sprayer)	(12) 151-ml bot	D	<b>180.62</b>	BX	A,N,F,M
01-137-8456	Insect Repellent, personal application, 3% benzocaine, 10% precipitated sulfur (Chigg-Away)	188-ml bot	D	<b>2.79</b>	BT	A,N,F,M
01-288-2188	Insect Repellent, personal application & sunscreen, 20% DEET/SPF15 (Sunset)	(12) 2-oz tubes	D	<b>46.75</b>	BX	A,N,F
01-	Insect Repellent, personal	320 packets	<b>D</b>	<b>322.40</b>	BX	A,N

452-9582	application & sunscreen, 20% DEET/SPF15 (Sunset)					
01-345-0237	Insect Repellent, clothing application, permethrin (IDA)	12 kits	D	<b>46.58</b>	BX	A,N,F,M
00-142-8965	Insect Repellent, personal application, 30% DEET (Cutter Repellent Stick)	(12) 1-oz sticks	D	<b>30.13</b>	BX	A,N,F
00-145-0016	Insecticide, Aluminum phosphide, 55 % tablets (Phostoxin/Fumitoxin) *** <b>RESTRICTED USE PESTICIDE</b> ***	100 tablets	D	<b>16.28</b>	CN	A,N,F
00-442-5698	Insecticide, Aluminum phosphide, 55 % tablets (Phostoxin/Fumitoxin) *** <b>RESTRICTED USE PESTICIDE</b> ***	1660 pellets	Z	<b>26.31</b>	BT	A,N,F
01-377-7049	Insecticide, <i>Bacillus thuringiensis</i> , 10% (Bactimos Briquets)	100 Briquets	D	<b>70.50</b>	BX	A,N,F,M
00-180-6069	Insecticide, Baygon, 1% propoxur, liquid (Roach and Ant Spray)	1-gal can	V	<b>10.13</b>	GL	A,N,F,M
01-287-3938	Insecticide, Boric Acid, aerosol ( Perma-Dust)	(12) 9 oz cans	D	<b>60.49</b>	BX	A,N,F
00-932-7297	Insecticide, Carbaryl, 80%, water dispersible powder (Sevin 80S)	(5) 10-lb bags	D	<b>321.16</b>	BX	A,N,F
01-104-0887	Insecticide, Carbaryl, 42.6%, liquid (Carbaryl 4L)	(2) 2.5-gal co	Z	<b>155.58</b>	BX	F
01-033-4481	Insecticide, Carbaryl, 5%, dust (Sevin 5% dust)	(12) 4-lb bags	D	<b>156.17</b>	BX	A,N,F
01-313-7359	Insecticide, Cyfluthrin (Tempo SC Ultra)	(12) 240-ml bot	<b>D</b>	<b>415.49</b>	BX	A,N,F,M
01-383-6251	Insecticide, Cyfluthrin (Tempo 20WP)	(288) 9.5-g pack	D	<b>494.66</b>	BX	A,N,F,M
01-390-4822	Insecticide, Cypermethrin (Demon WP)	1-lb jar	<b>D</b>	<b>67.34</b>	LB	A,N,F,M

01-431-3345	Insecticide, Deltamethrin (Delta Dust)	1-lb co	D	<b>11.11</b>	LB	A,N,F,M
00-753-5038	Insecticide, Diazinon, 2%, dust	20-lb co	D	<b>31.99</b>	CO	A,N,F,M
00-782-3925	Insecticide, Diazinon, 47.5%, emulsifiable concentrate	1-gal can	D	<b>38.84</b>	GL	A,N,F,M
00-142-9438	Insecticide, Dichlorvos, 20% (plastic strips)	48 strips	D	<b>175.29</b>	BX	A,N,F,M
01-412-4634	Insecticide, D-Phenothrin, 2%, aerosol	12-oz can	D	<b>6.20</b>	CN	A,N,F,M
01-067-2137	Insecticide, D-trans Allethrin and Resmethrin, 0.15% and 0.2% minimum, respectively, aerosol (Kill Zone House & Garden Insect Killer Formula 3)	12-oz can	D	<b>3.68</b>	CN	A,N,F,M
01-122-2651	Insecticide, Dursban, 44.9% chlorpyrifos, emulsifiable concentrate (Dursban 4E)	1-gal can	V	<b>110.80</b>	GL	N,F,M
01-338-6003	Insecticide, Dursban, 20% chlorpyrifos, microencapsulated (Empire 20)	1-pint co	V	<b>28.25</b>	PT	A,N,F,M
00-402-5411	Insecticide, Dursban, 44.9% chlorpyrifos, emulsifiable concentrate (Dursban 4E)	5-gal can	V	<b>494.63</b>	CN	A,N,F,M
01-203-6161	Insecticide, Dursban, 19.36% chlorpyrifos, liquid (Mosquitomist 1.5 ULV)	5-gal can	V	<b>280.31</b>	CN	A,N,F,M
01-338-2487	Insecticide, Dursban, 0.5% chlorpyrifos, aerosol (Engage)	(12) 20-oz cans	V	<b>81.47</b>	BX	A,N,F,M
01-087-6672	Insecticide, Ficam, 76% bendiocarb, wettable powder (Ficam)	1-lb jar	V	<b>77.10</b>	LB	A,N,F,M
01-183-7244	Insecticide, Fly Bait, 1% methomyl (Apache/Golden Malrin)	5-lb can	D	<b>17.60</b>	CN	A,N,F,M
01-287-3913	Insecticide, Hydramethylnon (Amdro Fire Ant Bait)	(24) 6-oz bot	L	-----	BX	A,N,F,M



01-398-6799	Insecticide, Hydramethylnon (Siege Gel Bait)	4-30 gm reservoirs	<b>D</b>	<b>19.02</b>	BX	A,N,F,M
01-424-2494	Insecticide, Fenoxycarb {Logic (Award Brand of Logic)}	25-lb bag	J	<b>262.35</b>	BG	A,N,F,M
01-224-1269	Insecticide, Fipronil, cockroach, large size (Combat Quick Kill)	8 bait stations/ box/ 12 boxes	D	<b>89.47</b>	PG	A,N,F,M
01-180-0167	Insecticide, Fipronil, cockroach, regular size (Combat Quick Kill)	12 bait stations/ box/ 12 boxes	D	<b>82.44</b>	PG	A,N,F,M
01-483-3065	Insecticide, Fipronil (Maxforce Roach Killer Bait Gel)	3-60 gram reservoirs PG/ 8 PG per box	J	183.00	BX	A,N,F,M
01-471-5650	Insecticide, Fipronil (Maxforce Roach Killer Bait Gel)	4-30 gram reservoirs/box	D	<b>18.80</b>	BX	A,N,F,M
01-298-1122	Insecticide, Fipronil (MaxForce Ant Bait)	96 stations	D	<b>58.91</b>	PG	A,N,F,M
01-483-3072	Insecticide, Fipronil (Termidor 80WG)	48 co/box	<b>D</b>	1680.00	BX	A,N,F,M
01-483-3068	Insecticide, Fipronil (Termidor SC)	4-78 oz BT/box	J	560.00	BX	A,NF,M
01-318-7416	Insecticide, Hydroprene, emulsifiable concentrate (Gentrol IGR)	(10) 1-oz bot	D	<b>48.80</b>	BX	A,N,F,M
01-457-6580	Insecticide, Imidacloprid, 5% granular (Merit 0.5 g)	30 lb. bag	J	50.00	BG	A,N,F,M
01-428-6646	Insecticide, Lambda-cyhalothrin, 9.7% (Demand CS)	(8) 8 oz bottle	<b>D</b>	<b>280.68</b>	BX	A,N,F,M
01-431-3357	Insecticide, Lamda-cyhalothrin (Demand Pesttab)	40 tablets	D	<b>81.35</b>	CO	A,N,F,M
00-655-9222	Insecticide, Malathion, 57.0%, emulsifiable concentrate, class 1	1-gal co	D	<b>38.91</b>	GL	A,N,F,M
00-685-5438	Insecticide, Malathion, 57.0%, emulsifiable concentrate, class 1	5-gal can	D	<b>131.29</b>	CN	A,N,F,M

00-926-1481	Insecticide, Malathion, 95%, liquid, grade B	54-gal drum	D	<b>1788.45</b>	DR	A,N,F,M
01-169-1842	Insecticide, Malathion, 95%, liquid, grade B	5-gal can	D	<b>197.26</b>	CN	A,N,F,M
01-424-2495	Insecticide, Methoprene (Altosid XR Briquets)	220 Briquets	D	<b>717.22</b>	BX	A,N,F,M
01-424-2493	Insecticide, Methoprene (Altosid SR-20 Liquid Larvicide)	(2) 2.5-gal co	J	<b>6333.04</b>	BX	A,N,F,M
01-426-5472	Insecticide, N-ethyl perfluorooctane sulfonamide (Advance Dual Choice)	36 stations	D	<b>26.62</b>	PG	A,N,F,M
01-270-9765	Insecticide, Naled, 85%, liquid (Dibrom)	30-gal drum	J	<b>3452.30</b>	DR	A,N,F
00-597-6111	Insecticide, Naphthalene, ball form	<b>14-oz box</b>	<b>D</b>	<b>5.53</b>	LB	A,N,F,M
01-467-0994	Insecticide, Nithiazine, Fly Strips (Quikstrike), 2 strips per package	(12) PG/box	<b>D</b>	<b>172.41</b>	BX	A,N,F
00-174-1825	Insecticide, P-Dichlorobenzene, crystal/flake	100-lb drum	<b>J</b>	<b>428.68</b>	DR	A,N,F
00-174-1824	Insecticide, P-Dichlorobenzene, crystal <b>GSA</b>	1-lb can	J	3.83	LB	A,N,F,M
01-318-7415	Insecticide, Propetamphos, 50% (Catalyst)	(8) 3.2-oz bot	<b>D</b>	<b>31.59</b>	BX	A,N,F,M
01-104-0780	Insecticide, Pyrethrins, 3% pyrethrins with synergists, liquid (ULV fog concentrate)	1-gal bot	D	<b>94.31</b>	GL	A,N,F,M
00-459-2443	Insecticide, Pyrethrins, or d-phenothrin, aerosol (Wasp Freeze/Wasp Stopper II Plus)	(12) 12-oz cans	D	<b>60.69</b>	BX	A,N,F,M
00-823-7849	Insecticide, Pyrethrin, aerosol (PT 565 Plus XLO)	(12) 12-oz cans	D	<b>121.18</b>	BX	A,N,F

01-359-8533	Insecticide, Resmethrin (Scourge) <b>***RESTRICTED USE PESTICIDE***</b>	5-gal can	<b>D</b>	<b>382.13</b>	CN	A,N,F
01-457-6583	Insecticide, Spinosad, 11.6% (Conserve SC)	1 gal cont.	J	<b>315.76</b>	GL	A,N,F,M
01-474-7751	Insecticide, Sumthrin-Piperonyl Butoxide, 10%-10%, (Anvil 10+10 ULV)	(2) 2.5-gal/box	<b>Z</b>	800.00	BX	A,M,F,N
01-474-7706	Insecticide, Sumthrin-Piperonyl Butoxide, 10%-10%, (Anvil 10+10 ULV)	250 gal co	<b>D</b>	37087.50	CO	A,N,F,M
01-424-3132	Insecticide, Temephos (Abate 4E)	2.5-gal co	J	<b>827.95</b>	CO	A,N,F,M
01-467-1029	Mosquito Larvicide and Pupicide (Agnique MMF)	(2) 2.5-gal co	<b>Z</b>	<b>293.58</b>	BX	A,N,F
01-431-3352	Rodent Indicator Bait Blocks (Census Bait Blocks)	285 blocks	D	<b>61.77</b>	CO	A,N,F,M
00-089-4664	Rodenticidal Bait, Anticoagulant, 0.005% diphacinone	40 blocks	D	<b>48.74</b>	BX	A,N,F,M
00-753-4973	Rodenticidal Bait, Anticoagulant, 0.005-0.0055% diphacinone, pellets	5-lb can	<b>V</b>	<b>9.91</b>	CN	A,N,F
01-151-4884	Rodenticidal Bait, Anticoagulant, 0.005% brodifolone (Maki), pellets	11-lb can	D	<b>27.98</b>	CN	A,N,F,M
01-426-4808	Rodenticidal Bait, Anticoagulant, 0.005% brodifolone (Talon-G), pellets	10-lb can	<b>D</b>	<b>43.34</b>	CN	A,N,F,M
01-435-9320	Rodenticidal Bait, 2% zinc phosphide (ZP Rodent Bait) <b>***RESTRICTED USE PESTICIDE***</b>	(250) 7.5-g pkg.	J	<b>36.14</b>	CO	N
00-753-4972	Rodenticide, Anticoagulant, concentrate 0.106% sodium salt of diphacinone (LIQUA-TOXII)	50 pouches	D	<b>233.84</b>	BX	A,N,F,M

01-435-9318	Rodenticide, 10% zinc phosphide (ZP Tracking Powder) <b>***RESTRICTED USE PESTICIDE***</b>	(4) 500-g bot	J	<b>31.66</b>	BX	N
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+User Code A=Army, N=Navy, F=Air Force, M=Marines SOS (DSCR-Richmond)=S9G

**DLA/DSCR POC:**

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**\*ACQUISITION ADVICE CODES (ACC)**

D. DOD INTEGRATED MATERIAL MANAGER (IMM) STOCKED, AND ISSUED. Issue, transfer, or shipment is not subject to specialized controls other than those imposed by the Integrated Material Manager/Military Service supply policy.

1. The item is centrally managed, stocked, and issued.
2. Requisitions will be submitted in accordance with Military Service requisitioning procedures.

G. GENERAL SERVICES ADMINISTRATION (GSA) INTEGRATED MATERIAL MANAGED, STOCKED AND ISSUED. Identifies GSA managed items available from GSA Supply Distribution Facilities. Requisitions and fund citations will be submitted in accordance with GSA/Military Service requisitioning procedures.

H. CENTRAL CONTRACT - NOT STOCKED ITEM. Direct delivery under central contract #(non-stocked items) issue, transfer, or shipment is not subject to specialized controls other than those imposed by IMM/Service/Agency supply policy.

1. The item is centrally managed and procured.
2. Normal issue is by direct shipment from the vendor to the user at the order of the ICP or IMM. However, orders for quantities less than the vendor's

minimum order of quantity may be issued from stock by ICP or IMM supply distribution facilities.

3. Requisitions and fund citations will be submitted in accordance with IMM/Service/Agency requisitioning procedures.
  4. Generally, delivery will be made within applicable Service/Agency guidelines addressing customer-required time frame.
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- I. **DIRECT ORDERING FROM A CENTRAL CONTRACT/SCHEDULE.** Issue, transfer, or shipment is not subject to specialized controls other than those imposed by Integrated Material Manager/Military Service supply policy. The item is covered by a centrally issued contractual document, or by a multiple award Federal Supply schedule for GSA managed items, which permits using activities to place orders on vendors for direct delivery to the user.
  - J. **NOT STOCKED, CONTROLLED PROCURED.** Identifies IMM/Military Service centrally managed but not stocked items. Long lead times must be anticipated, since procurement will be initiated only after receipt of a requisition. Requisitions will be submitted in accordance with IMM/Military Service requisitioning procedures.
  - K. **CENTRALLY STOCKED FOR OVERSEAS ONLY.** Main means of supply is local purchase. Item is stocked in domestic supply system for those overseas activities unable to procure locally due to non-availability of procurement sources or where local purchase is prohibited. Requisitions will be submitted by overseas activities in accordance with Service/Agency requisitioning procedures. **NOTE:** CONUS activities will obtain supply support through local procurement procedures.
  - L. **LOCAL PURCHASE.** IMM/Military Service managed items authorized for local purchase, as a normal means of support, by the Military Service, or base, post, camp, or station level. Items not stocked in wholesale distribution system of IMM/Military Service ICP. The local purchase forms authorized by the individual IMM/Military Service must be used. **NOTE:** GSA FSS items are included.
  - V. **TERMINAL ITEM.** Identifies items in stock; but future procurement is not authorized. Requisitions may continue to be submitted until stocks are exhausted. Preferred items National Stock Number (NSN) normally provided by the application of the phrase, "When Exhausted Use (NSN)". Requisitions will be submitted in accordance with IMM/Military Service requisitioning procedures as applicable.
  - X. **SEMIACTIVE ITEM-NO REPLACEMENT.** A potentially inactive NSN which must be retained in the supply system as an item of supply because (1) stocks of the item are on hand or in use below the wholesale level and (2) the NSN is cited in equipment authorization documents TO&E, TA, TM, etc. or in-use assets are being reported.
    1. Items are authorized for central procurement but not authorized for stockage at wholesale level.

2. Requisitions for in-use replacement will be authorized in accordance with individual Military Service directives.
3. Requisitions may be submitted as requirements generate. Repetitive demands may dictate at ACC change to permit Wholesale stockage.

Y. Y. TERMINAL ITEM. Further identifies AAC V items on which wholesale stocks have been exhausted. Future procurement not authorized.

1. Requisitions will not be processed to the wholesale suppliers.
2. Internal Services' requisitioning may be continued in accordance with Military Service requisitioning policies.

Z. INSURANCE/NUMERIC STOCKAGE OBJECTIVE ITEM. Items, which may be required occasionally or intermittently and prudence requires that a nominal quantity of material be stocked due to the essentiality or the lead-time of the item.

1. The item is centrally managed, stocked and issued.
2. Requisitions will be submitted in accordance with IMM/Military Service requisitioning procedures.

***APPENDIX C***

DoD Equipment List

**DoD PEST MANAGEMENT MATERIEL  
LIST (OTHER THAN PESTICIDES)**

**October 1, 2001**

**A. A. Disclaimer.**

1. The Pest Management Materiel List, Other Than Pesticides, paragraph C., below, does not constitute procurement authority for materiel listed herein. Use of trade names in this list is solely for the purpose of providing specified information to aid in the identification of specific products and does not imply endorsement of the products named or criticism of products not mentioned. Products mentioned in this list do not constitute a guarantee or warranty of these products by the Armed Forces Pest Management Board (AFPMB), the Military Departments, or the DoD.

2. Most of the pesticide dispersal equipment listed in paragraph C., below, should only be used by personnel (i.e. preventive medicine or installation pest control personnel) who have been formally trained and certified in accordance with DoD 4150.7-P, "The DoD Plan for the Certification of Pesticide Applicators, September 30, 1996 or DoD 4150.7-M, DoD Pest Management Training and Certification, April 24, 1997. All other personnel should not procure or use pesticide dispersal equipment unless specifically authorized by Service instructions, regulations, or directives.

3. This list is maintained, and periodically reviewed by the Armed Forces Pest Management Board's Pest Management Equipment Committee. Users are encouraged to submit notice of errors and additional information to the: Armed Forces Pest Management Board, Forest Glen Section, WRAMC, Washington, DC 20307-5001 and to Defense Supply Center Richmond (DSCR), ATTN: JDTA, 8000 Jefferson Davis Hwy, Richmond, VA 23297-5809.

## **B. B. Purpose.**

The purpose of the Pest Management Materiel List, Other Than Pesticides, is to provide a descriptive reference of DoD standard available pest management equipment and materiel, other than pesticides.

## **C. Pest Management Materiel, Other Than Pesticides Lists.**

1. Hand Sprayer, Pesticide, Manually Operated, Compressed Air. A manually carried piece of equipment that can discharge liquid pesticides by means of a hand-compressed pump in one, two, or three gallon capacities.

<b>NSN 3740-</b>	<b>Item (Alternate Trade Name)</b>	<b>Cage Code</b>	<b>AAC*</b>	<b>Unit Price</b>	<b>U/I</b>	<b>Users+</b>
00-191-3677	Sprayer, Pesticide, Manually Carried, 1 gallon stainless tank, with pressure gauge. CID A-A-55748. Flow rate - 0.8 l/min. Includes three sets of spare parts including; crack and crevice tip assemblies, nozzle gaskets and O rings, plunger cups, check valves, and strainer/filters.	58536	D	<b>127.38</b>	EA	A,N,F,M
00-641-4719	Sprayer, Pesticide, Manually Carried, 2-gallon stainless tank with pressure gauge. CID A-A-55748. Flow rate - 0.8 l/min, includes three sets of spare parts including crack and crevice tip assemblies, nozzle gaskets and O rings, plunger cups, check valves, and strainer/filters.	58536	D	<b>142.47</b>	EA	A,N,F,M
00-720-0465	Sprayer, Pesticide, Manually Carried, Model Sureshot A-2600, 2 pt capacity, steel tank, no accessories included. <b>GSA</b>	92997	H	30.46	EA	N,F
01-338-5390	Sprayer, Pesticide, Manually Carried, Whitmire System VII Single Pack, Part Number 21-0700, includes pouch for three pesticide product aerosols and a 10 foot memory coiled hose. Pesticide aerosols ordered separately.	67184	D	<b>98.72</b>	EA	A,N,F,M



01-332-8746	Gauge, Sprayer, Pesticide. Part Number 803-311, For retrofitting pressure gage on one and two-gallon compressed air sprayers listed above.	29670	D	<b>8.03</b>	EA	A,N,F,M
4330-01-332-1639	Fluid Filter, Gauge, Pesticide Sprayer. Part Number 146-605. For retrofitting pressure gauge NSN (listed above) to one and two gallon compressed air sprayers listed above. <b>S9C</b>	29670	D	<b>2.90</b>	EA	A,N,F,M
01-234-3448	Parts Kit, Insecticide Sprayer , Hudson P/N 148-673MS for 1 GL sprayer NSN 3740-00-191-3677	29670	D	<b>36.38</b>	KT	A,N,F,M
01-483-3385	Constant Flow Valve, Yellow 1Bar 14.5 psi	1TFE0	D	19.95	EA	A,N,F,M
01-483-3388	Constant Flow Valve, Red 1.5Bar 21.0 psi	1TFE0	D	19.95	EA	A,N,F,M
01-483-3390	Constant Flow Valve, Blue 2Bar 29.0 psi	1TFE0	D	19.95	EA	A,N,F,M
01-483-3391	Constant Flow Valve, Green 3Bar 43.5 psi	1TFE0	D	19.95	EA	A,N,M,F

2. 2. Duster, Pesticide, Manually Carried. Pest Control Equipment which disperses pesticide dust formulations via manually operated bellows, sifters or fans.

NSN	Item (Alternate Trade Name)	Cage Code	AAC*	Price	U/I	Users+
3740-00-132-5935	Duster, Manually Carried, 5-10 lb. tank capacity. FEDSPEC RR-D-780C. Manually operated rotary fan type; accessories include one straight discharge nozzle, two non-flexible straight extension tubes (14" long) and one curved non-flexible tube (10"	81348	Z	140.29	EA	A,N,F,M

	long). Flow rate - 10-50 lbs./hr, and wt 8 lbs. Used to treat rodent burrows for ectoparasite control.					
00-132-5936	Duster, Manually Carried, Tubular Pump, 1lb tank capacity. CID A-A-55555. Designed to apply dusts for spot treatment indoors and outdoors. Flow rate - 10-50 lb./hr, and wt 2.03 lbs. May be used to apply pesticides and rodenticides in rodent burrows.	58536	D	34.57	EA	A,N,F,M
01-441-5250	Centro Bulb Duster, bulb duster, Part Number 27920 and 28140 and 28120, consists of one 14oz bulb duster, with a straight metal nozzle, a 2 inch curved tip nozzle and a 12 inch extension with coupling.	9L921	J	45.46	KT	A,N,F,M

3. Sprayer and Duster, Pesticide, Manually Carried, Backpack. Designed to discharge either liquid or solid pesticides, under pressure, dispersed by means of a blower. Liquid particle discharge size is 50 to 100 microns. Tank/hopper size is variable.

<b>NSN 3740-</b>	<b>Item (Alternate Trade Name)</b>	<b>Cage Code</b>	<b>AAC*</b>	<b>Price</b>	<b>U/I</b>	<b>Users+</b>
01-463-0147	Sprayer-Duster, Pesticide, Backpack, STIHL Model SR400, gasoline engine driven, includes, granular spreader, ULV nozzle, and field parts kit. Tank size – 3.5 gal., 24.6” high X 18.9” wide X 11” deep, 24 lbs empty wt.	9Z575	D	<b>854.73</b>	EA	A,N,F,M
01-157-4000	Sprayer-Duster, Pesticide, Backpack, Solo Model 423, gasoline engine driven, 5 horsepower, 1.6 quart fuel tank, includes dusting attachment and set of dosage pieces, three gallon pesticide tank. Discharges mist 33 ft horizontally, and 25 ft vertically. 27” high X 18” wide X 12” deep weighs 25 lbs. empty. Note: Echo Model DM9, formerly listed under NSN no longer procurable.	8T480	<b>Y</b>	<b>587.28</b>	EA	A,N,F,M

4. 4. Sprayer, Hydraulic or Electric, Mist or Solid Stream, Pesticide, pushcart Mounted. A portable or push cart mounted

Unit designed to disperse liquid pesticides as mists (50 to 100 microns) and solid streams by means of a gasoline engine driven or electrically driven pump.

NSN 3740-	Item (Alternate Trade Name)	Cage Code	AAC*	Price	U/I	Users+
01-019-4557	Sprayer, Pesticide, Pushcart Mounted, electric motor driven, 120V AC, Model Space III or CID A-A-52286 primarily used to control stored product pests. Mist, fine spray output – 0.5 to 3.5 oz per min, 5- gallon pesticide tank, operating pressure 4 PSIG, wt 176 lbs., shipping wt. 310 lbs.	58536	Z	<b>5372.64</b>	EA	A,N,F,M

5. 5. Sprayer, Hydraulic or Electric, Mist or Solid Stream, Pesticide. A skid or frame mounted unit designed to disperse  
Liquid pesticides as mists (50 to 100 microns) and solid streams by means of a gasoline engine driven or electrically driven pump.

NSN 3740-	Item (Alternate Trade Name)	Cage Code	AAC*	Price	U/I	Users+
00-772-0090	Sprayer, Pesticide, Frame Mounted, mist and solid stream, gasoline engine driven, MIL-S-12511, 42" lg. X 26" wi X 30" hi, wt 174 lbs., 50 ft hose (0.375 inch internal diameter, and oil resistant), 5 horsepower engine, piston driven pump, 3GPM discharge rate, pressure gage, spray gun, discharge control valve, and two discharge hoses included. Pesticide tank not included. A12/FLZ	82254	W	2733.00	EA	A,F
00-916-6462	Sprayer, Pesticide, Frame Mounted, mist and solid stream, gasoline engine driven, Part No, 47500, Mil-S-12511, 42" lg. X 26" wi X 30" hi, wt 174 lbs., 50 ft hose (0.375 inch internal diameter, and oil resistant), 1.5	82254 81349	C	2733.00	EA	A,F

	horsepower engine, piston driven pump, 3GPM discharge rate, pressure gage, spray gun, discharge control valve, and two discharge hoses included. Pesticide tank not included. A12/FLZ					
00-993-4000	Sprayer, Pesticide, Frame Mounted, mist and solid stream, Part No CSR47500A, Mil-S-12511, 42" lg. X 26" wi X 30" hi, wt 174 lbs., 50 ft hose, (0.375 inch internal diameter, and non-oil resistant), 4.0 horsepower engine, piston driven pump, pressure gage, spray gun, discharge control valve, and one discharge hoses included. 3 GPM discharge rate. Pesticide tank not included. A12	82254 81349	C	2733.00	EA	A
01-053-0127	Sprayer, Pesticide, Skid Mounted. FMC Model DM10E200SRK, Part No. 5268191. Modular constructed sprayer with a 200-gallon tank.	50492	J	8437.53	EA	A
01-211-7226	Sprayer, Pesticide, Frame, Mounted, gasoline engine driven, MIL-S-12511, 51" X 15" X 19", wt 100 lbs. Flow rate – 3GPM at 300 PSI operating pressure. Pesticide tank not included. A12	81349	C	995.00	EA	A
01-454-1981	Pesticide Sprayer, Electric, Liquid (SPEL), AG 25 Sprayer, battery/electric, solid stream sprayer, 25 gal plastic tank, 15 ft hose, .0375 in inside diameter hose, wt. 25.6 lbs., L 29 ½" x W 20"x Ht16."	03JL1	J	427.05	EA	A,N,F,M
01-026-9162	Sprayer, Pesticide, Skid Mounted, gasoline engine driven, SMITHCO Part No 7830-MH, 200 gallon, fiber glass tank, wt 825 lbs. Flow rate - 10 GPM at 425 PSI, 5.75	61684	Z	3714.44	EA	A,F

	horsepower, mist and solid stream, piston pump, 100 foot, 0.05 inch inside diameter, abrasion and weather resistant hose.					
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6. 6. Sprayer, Hydraulic or Electric, Mist or Solid Stream, Pesticide, Trailer Mounted. A trailer mounted unit designed to Disperse liquid pesticides as mists (50 to 100 microns) and solid streams by means of a gasoline engine driven or electrically driven pump.

NSN 3740-	Item (Alternate Trade Name)	Cage Code	AAC*	Price	U/I	Users+
01- 474- 7367	Spray System, WeedSeeker, Complete DB210 WeedSeeker system including 55 GL chemical tank, 14 GL fresh water tank and a 12V pump, installed on a folding and breakaway boom all mounted on a 6 x 4 John Deere Gator with a heavy duty alternator. System includes 10 sensors, 10 valve cartridges, 1 CP controller, associated electrical cables and plumbing.	1JRR1	J	25133.72	EA	A,F,N,M
01- 474- 7318	Spray System, WeedSeeker Kit, SB102 kit that includes 2 WeedSeeker sensors, 2 valve cartridges, a CP controller and associated electrical cables and plumbing.	1JRR1	D	3100.00	EA	A,N,F,M
01- 474- 7285	WeedSeeker add-on kit (A001)includes 1 WeedSeeker sensor, 1 valve cartridge, an electrical cable and associated plumbing	1JRR1	D	990.00	EA	A,N,F,M
00- 166- 2910	Sprayer, Roto Mist, Fine Spray, 4 Wheel Trailer Mounted, FMC Model 303T, blower diameter 40 inches, air volume 60000 CFM, air volume 95 MPH, blower rpm 2200, pump capacity 20 GPM, pump pressure 0-400 lbs., 300 gallon	06350	L	-----	EA	A,F

	tank. A12/FLZ					
00-901-0720	Sprayer and Duster, Pesticide, Trailer Mounted, gasoline Kohler engine driven, Buffalo Turbine Agricultural Equipment Model BT-CSM II, 50 gallons and 4 cubic ft. tank capacity, 20 horsepower, 2 wheel, pneumatic, rubber tire trailer, mist sprayer, 10000 CFM discharge rate at 150 MPH.	93146	J	18197.39	EA	A,N,F
00-925-9594	Sprayer, Pesticide, Trailer Mounted, gasoline engine driven, MIL-S-82068, size B, 500 gallon tank, flow rate - 25 GPM at 700 PSI, 168" X 75" X 80", wt 1800 lbs., 18 horsepower, 2 wheel, pneumatic, rubber tire trailer, mist and solid stream, piston pump, includes 2 spray guns, 200 feet of 0.50 inch diameter, abrasion and weather resistant hose.	81349	J	19767.85	EA	A,N,F
00-925-9598	Sprayer, Pesticide, Trailer Mounted, gasoline engine driven, MIL-S-82068C, size C, 200 gal steel tank, 5.75 horsepower, 2 wheel, pneumatic, rubber tire trailer, mist and solid stream, 1 discharge nozzle, piston pump, flow rate – 10 GPM discharge rate at 425 PSI, 100 foot 0.50 inch inside diameter, abrasion and weather resistant hose.	81349	J	10700.80	EA	A,N,F
01-413-9095	Sprayer, Pesticide, Trailer Mounted, gasoline engine driven, FIMCO P/N TTS250, 200 gallon polyethylene tank, flow rate - 16 to18 GPM at 30 to50 PSI, 5 horsepower, 8 roller pump, 2 wheel, pneumatic tire trailer, 100 ft hose, high pressure, 3/8" inside diameter hose & Model 43H, trigger,	1B437	J	3351.55	EA	A,N,F

	aluminum handgun.					
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7. Sprayer, Pesticide, Fog/Aerosol Generator (ULV/ULD), Manually Carried. A manually carried unit designed to disperse liquid pesticides under pressure by means of gasoline engine driven or electrically driven pump and/or blower. Generates liquid particles in the size range of 0.1 to 50 microns. Excludes sprayers having a dust dispersal attachment. May have a combustion chamber for heating air.

<b>NSN 3740-</b>	<b>Item (Alternate Trade Name)</b>	<b>Cage Code</b>	<b>AAC*</b>	<b>Price</b>	<b>U/I</b>	<b>Users+</b>
00-818-6648	Fog Generator, Manually Carried, gasoline engine driven, thermal fog, Curtis Dyna Model 2610 Golden Eagle. Provides indoor/outdoor thermal fog for mosquito and fly control, 52" X 9.5" X 25.5", wt 19 lbs., 1 gallon pesticide tank. Flow rate - 5 GPH at 6 psi, adjustable shoulder strap included.	82254	Z	<b>1038.71</b>	EA	A
01-206-9636	Sprayer, Manually Carried, DC (rechargeable battery), Ulva Fan, Dram Model MK2, Ultra Low Volume. Flow rate - 60 ml/min at 3 PSIG, 0.5-liter plastic pesticide reservoir, and wt 3.25 lbs. with out battery.	3W681	D	<b>407.82</b>	EA	A,N,F,M
01-456-2625	Fogger, Hand Held, gasoline engine driven, ULV, London Fog Eliminator, PN# 8100, 25" long X 20 1/2" high X 10 1/2" wide, 24 lbs. empty wt. Normal dry fog rate is 5-6 gph.	56215	J	1045.00	EA	A,N,F,M
01-456-2622	Fogger, Hand Held, gasoline engine driven, ULV, London Aire Colt. PN# 8675, 14" long X 11" wide X 12" high, 19 lbs. empty wt. Flow rate - 0-4 oz per minute.	56215	J	1495.00	EA	A,N,F,M
01-456-2623	Fogger, Hand Held, gasoline engine driven, ULV, Clarke P-1, PN# L7800-001, 17 lbs. empty wt.	65183	J	1400.00	EA	A,N,F,M

8. 8. Sprayer, Pesticide, Fog/Aerosol Generator (ULV/ULD), Pushcart Mounted.

A push cart mounted unit designed to Disperse liquid pesticides under pressure by means of gasoline engine driven or electrically driven pump and/or blower. Generates liquid particles in the size range of 0.1 to 50 microns. Excludes sprayers having a dust dispersal attachment. May have a combustion chamber for heating air.

<b>NSN 3740-</b>	<b>Item (Alternate Trade Name)</b>	<b>Cage Code</b>	<b>AAC*</b>	<b>Price</b>	<b>U/I</b>	<b>Users+</b>
01-019-4557	Sprayer, Pesticide, Pushcart Mounted, CID A-A-5286, Micro-Gen Model SpaceIII, electric powered, 120 volt, 60 Hz, 3 phase motor, 1 horsepower, 4 wheel hand pushed, 48" X 24" X 42", 5 gallon tank, wt 176 lbs.	58536 52987	Z	<b>5372.64</b>	EA	A,N,F,M

9. 9. Sprayers, pesticide, fog/aerosol generator (ULV/ULD), skid mounted. A skid mounted unit designed to disperse liquid Pesticides under pressure by means of gasoline engine driven or electrically driven pump and/or blower. Generates liquid particles in the size range of 0.1 to 50 microns. Excludes sprayers having a dust dispersal attachment. May have a combustion chamber for heating air.

<b>NSN 3740-</b>	<b>Item (Alternate Trade Name)</b>	<b>Cage Code</b>	<b>AAC*</b>	<b>Price</b>	<b>U/I</b>	<b>Users+</b>
00-375-9154	Fog Generator, Skid Mounted, gasoline engine driven, Grizzly PDS, 53" lg. X 31" wi X 37" ht, wt 456 lb. empty, 18 horsepower engine, positive displacement blower w/6 psi max pressure, 5 gallon polystyrene pesticide tank.	24885	J	<b>12271.09</b>	EA	A,N,F,M
01-206-9635	Sprayer, Pesticide, Skid Mounted, Beecomist Model Pro Mist 15MP, ULV, DC driven, wt 95 lb., includes vehicle wiring installation kit (PN A4006), vinyl cover (PN AE550), and 12 volt battery.	65387	Z	<b>9427.50</b>	EA	N,F,M
01-445-8380	AGULVE, Sprayer, Pesticide, Skid Mounted, Beecomist Model Pro Mist 15MP with an aluminum frame, ULV, DC	19204& 65387	D	14279.65	EA	A,N,F,M



	driven, wt 95 lb., includes vehicle wiring installation kit (PN A4006), and repair parts kit (PN A0532.2)					
01-141-2557	Aerosol Generator, Pesticide Skid Mounted, Curtis Dyna Model 2740 Series II, 15 gallon tank, 48" X 41" X 35", wt 495 lbs.	82254	Z	<b>5121.68</b>	EA	A,F,M

10. 10. Sprayer, Pesticide, Aerial Application Unit, Liquid or Dry Pesticide.

Designed for use with rotary wing aircraft. Units

May be electric or gasoline engine driven and internally or externally mounted. Units may be equipped with booms.

<b>NSN 3740-</b>	<b>Item (Alternate Trade Name)</b>	<b>Cage Code</b>	<b>AAC*</b>	<b>Price</b>	<b>U/I</b>	<b>Users+</b>
01-206-9614	Dispersal Unit, Insecticide, Model PAU-9/A. Unit is currently restricted to internal mounting in a UH1H helicopter airframe.	65388	X	18122.90	EA	
01-262-8707	Pesticide Dispersal Unit (PDU), Multicapacity, Part No 96800, helicopter slung, low volume liquid spray system, ULV Spray System and Solid (Granular) Dispersal System, 150 gallon tank capacity.	52905	Z	<b>94150.22</b>	EA	A

11. 11. Trap, Insect, to include light traps and insect bait boxes.

<b>NSN 3740-</b>	<b>Item (Alternate Trade Name)</b>	<b>Cage Code</b>	<b>AAC*</b>	<b>Price</b>	<b>U/I</b>	<b>Users+</b>
00-134-9229	Trap, Insect, Portable, Battery Operated, Hausherr's Model CDC, battery operated, cylindrical, w/14.5 inch diameter aluminum cover. <b>S9M</b>	30286	L	----- -	EA	A,N,F
00-607-0337	Trap, Mosquito Light, New Jersey. Used to collect mosquitoes where 110Volt-power source is available. 14" X 9.5",	30286	D	<b>445.82</b>	EA	A,N,F,M

	wt 9.5 lbs., weatherproof time clock included.					
01-106-0091	Trap, Solid State Army Miniature (SSAM), Hock Model <b>1012</b> . Used for mosquito surveillance, portable powered by either D cell or rechargeable 6-volt gel cell batteries. Wt 3 lbs. w/o batteries. For D-cell non-rechargeable alkaline batteries, order 6135-00-835-7210 or 6135-00-930-0030. For gel-cell rechargeable batteries, order 6140-00-432-0490. For a battery charger to recharge gel-cell batteries order 6130-00-629-7396. <b>S9M</b>	6T654	L	----- -	EA	A,N,F,M

12. 12. Trap, animal. A device snap/set/glue used to capture animals.

NSN 3740-	Item (Alternate Trade Name)	Cage Code	AAC*	Price	U/I	Users+
00-252-3384	Mouse Trap, Spring, Model CANTMISS OR GGG-M-550, WD base, w/4 way release, 4" X 2" X 0.5." GSA	98878	G	5.50	DZ	A,N,F,M
00-260-1398	Rat Trap, Spring, CAN'T MISS RATTRAP, 7" x 3" x 0.5." GSA	98878	G	17.93	DZ	A,N,F,M
00-260-1401	Trap, Cage, Animal, Portable, Collapsible, Part No, 206, 27" X 9"X 9", wt. 7 lbs. GSA	23907	L	----- -	EA	A
01-095-1738	Trap, Cage, Animal, Woodstream Model 1045, galvanized steel, 36" X 11" X 11", wt 16.5 lbs.	84155	Z	58.70	EA	F,N
01-096-1632	Trap, Insect, Sticky Trap, Roach, .box of 24 traps, 5" X 3.5" X 2,"	11865	D	64.96	BX	A,N,F,M
01-240-6170	Trap, Rodent, Glue, Woodstream Model M-319 (Holdfast), 9" X 9" X 4", wt 1 lb., 24 traps per box.	84155	D	19.72	BX	A,N,F,M
01-371-6770	Mousetrap, Spring, Part No 81820, expanded trigger.	40850	D	1.63	EA	F
01-412-9363	Indoor Fly Catcher Traps, Part number 445 or M500, cylindrical sticky fly trap, 12 per box.	27633 84155	D	60.68	BX	A,F

01-412-9371	Insect FlyCatcher, Part Number M510, 144 sticky paper strip rolls per box.	84155	H	185.94	BX	A,N,M
01-420-9038	Insecticide, Glue, Part Number 101, four 1 gal containers per box. Used to rodent glue boards.	27633	D	143.53	BX	A,N,F,M
01-423-2471	Pole, Animal Restraint, Part No 81506,	7D560	D	131.58	EA	A,N,F,M
01-431-1186	Trap, Rodent, Mechanical, Aluminum, Sherman Model LFAHD, Box of 30 traps with 5 spare curved wires and 5 spare straight wires for linking sides and bases.	0TT47	Z	607.53	BX	A,N,F,M

13. 13. Rodent Bait Stations. Tamper proof devices used to hold rodent bait.

NSN 3740-	Item (Alternate Trade Name)	Cage Code	AAC*	Price	U/I	Users+
01-467-6951	Container, Rodent Bait, Plastic, Tamper Proof, spring loaded, self closing (Keep-Rat Bait station)	1MHL2	J	90.56	BX	A,F,M,N
01-481-1312	Container, Rodent Bait, Plastic, Tamper Proof (Aegis Clear Mouse), 12 bait stations per box	00A02 1US65	J	21.35	BX	A,F,N,M
01-481-1313	Container, Rodent Bait, Plastic, Tamper Proof (Aegis Clear View-Rat), 6 bait stations per box	00A02 1US65	J	55.50	BX	A,N,F,M
01-481-1316	Container, Rodent Bait, Plastic, Tamper Proof (Aegis Cool Box/White-Rat), 6 bait stations per box	00A02 1US65	J	55.50	BX	A,N,F,M
01-423-0737	Container, Rodent Bait, Plastic, Tamper Proof, capable of dispensing solid or granular bait, Part No 05830, 6 bait stations per box.	9L921	D	82.01	BX	A,N,F,M

14. 14. Spreader, Granular. A manually-carried or push cart/trailer-mounted unit designed to disperse granular pesticides, Fertilizers, and seeds.

<b>NSN 3750-</b>	<b>Item (Alternate Trade Name)</b>	<b>Cage Code</b>	<b>AAC*</b>	<b>Price</b>	<b>U/I</b>	<b>Users+</b>
00-903-3734	Spreader, Loose Material, Manual, Rotating Disc, Model Cyclone 4T06-6T08, 8' maximum spread path width. 40" X 20" X 20", weight 140 lbs. <b>GSA</b>	18654	L	-----	EA	A,F
00-965-0043	Spreader, Loose Material, Towed, Rotating Disc, Part No 111, 56' maximum spread path width. <b>FLZ</b>	00229	V	685.00	EA	F
00-729-6897	Spreader, Loose Material, Manual, Hand Crank, Rotating Disc, Part No PCB or 75, 12' maximum spread path width, 10.5" X 9", wt 5.5 lbs. <b>GSA</b>	84945 86951	J	127.40	EA	A,F
00-269-6028	Spreader, Loose Material, Manual, Gravity spread, Rotating Disc, Model Gandy Line Tender 901-3JRKL, 1.75' maximum spread path width. 36" X 36" X 42", wt 124 lbs. <b>GSA</b>	89055	L	----- -	EA	F

15. 15. Pheromone Trap stored products. Includes traps, pheromones and accessories used to monitor stored product pests.

<b>NSN 3740-</b>	<b>Item (Alternate Trade Name)</b>	<b>Cage Code</b>	<b>AAC*</b>	<b>Price</b>	<b>U/I</b>	<b>Users+</b>
01-414-8117	Insect Wing Trap Kit, P/N 3653-13, 3-traps, 3-liners and 6 lures.	02RG7	J	29.74	KT	A,N,F,M
01-414-8118	Indian-Meal Moth Lures, P/N 3153-25, 25 lures per bag.	02RG7	J	87.69	BG	A,N,F,M
01-414-8123	Confused and Red Flour Beetle Lures, P/N 3156-25, 25 lures per bag	02RG7	J	99.39	BG	A,N,F,M
01-414-8124	Khapra and Warehouse Beetle Lures, P/N 3155-25, 25 lures per bag.	02RG7	J	101.70	BG	A,N,F,M

01-414-9391	Insect Monitoring Kit, P/N 3565-01, for khapra and warehouse beetles, 5 traps, 5 lures and food oil attractant.	02RG7	J	41.47	KT	A,N,F,M
01-414-9393	Insect Monitoring Kit, P/N 3566-01, for red and confused flour beetles, 5 traps, 5 lures and food oil attractant.	02RG7	J	37.86	KT	A,N,F,M
01-414-9395	Insect Monitoring Kit, P/N 3567-01, for saw-toothed grain and merchant grain beetles, 5 traps and food oil attractant	02RG7	J	33.00	KT	A,N,F,M
01-414-9397	Cigarette Beetle Lures, P/N 3162-25, 25 lures per bag.	02RG7	J	67.75	BG	A,N,F,M
01-414-9399	Lesser Grain Borer Beetle Lures, P/N 3158-25, 25 lures per bag	02RG7	J	63.07	BG	A,N,F,M
01-418-5107	Insect Monitoring Kit, P/N 3302-00, 100 traps per box	02RG7	J	331.97	BX	A,N,F
01-418-5110	Insect Monitoring Kit, P/N 3303-25, 25 traps per box.	02RG7	J	50.77	BX	A,N,F
01-418-1927	Insect Monitoring Kit, P/N 121901, 100 wing trap kits per box.	11865	H	152.25	BX	A,N,F,M
01-473-1038	Indian-Meal Moth Lures, P/N IMM-100, 100 lures per pkg.	11865	D	300.00	PG	A,N,F,M
01-473-1042	Indian-Meal Moth Kit, P/N SP-IMM-20, 20 lures per box and 20 traps	11865	D	19.70	KT	A,M,N,F
01-473-1039	Indian-Meal Moth Lures, P/N IMM-10, 10 lures per pkg.	11865	D	33.98	PG	A,N,F,M
01-418-1929	Indian-Meal Moth Lures, P/N 122514, 100 lures per bag.	11865	H	65.95	BG	A,N,F

16. 16. Bird Pest Management Devices.

NSN	Item (Alternate Trade Name)	Cage Code	AAC*	Price	U/I	Users+
3740-00-076-3541	Gun, Scareaway, Zonmark II. Used to scare birds and other pests away from specific areas. Powered by propane gas (propane tank not included), 36" X 12" X 7," wt 20 lbs.	5G078	L	-----	EA	F

1095-01-437-7478	Pyrotechnic Pistol, P/N RJ1, uses w/ 15MM screamer-siren or bird banger cartridges, single shot S9C	0MGG7	Z	51.50	EA	F
1095-01-437-7479	Pyrotechnic Pistol, P/N B1S, uses 15MM screamer-siren or bird banger cartridges, double shot S9C	0MGG7	J	54.08	EA	F
1370-01-204-1525	Cracker Shotgun shell, 12 gauge, bird scare (shell cracker), P/N 8344212 FG5	07878	D	1.35	EA	F,N
1370-01-454-9861	Cartridge, Pyrotechnic, animal dispersal, 15MM bird screamer, P/N SCR-ICBM FG5	0MGG7	L	-----	EA	F
01-037-9325	Gun Scareaway, Dana Model AO-86M-3. Used to scare birds and other pests away from specific areas. Powered by propane gas (propane tank not included) , 36" X 12" X 8," wt 30 lbs.	55726	J	344.39	EA	F

17. 17. Miscellaneous.

NSN	Item (Alternate Trade Name)	Cage Code	AAC*	Price	U/I	Users+
3740-						
6505-00-664-0441	Mineral Oil, Light, NF (ULV Diluent/Cleaning Agent) S9M	61757	L	----- --	PT	A,F,N,M
6505-00-240-6328	Mineral Oil, Light, NF (ULV Diluent/Cleaning Agent) 5 gallon can S9M	61757	L	----- --	CN	A,N,F,M
00-	Swatter, Fly, Model Plasti-Swat	54749	G	3.13	PG	A,N,F,M

252-3383	51, 18"lg X 4"w X 0.5," wt 5 oz., 12 per package. GSA					
01-210-2368	Aspirator, 1.5v (2 -D Cell battery) powered, &" X 3.5" X 2," wt 8 oz w/o batteries. S9M	30286	L	----- --	EA	A,N,F,M
01-454-1982	Stake, Flag, Orange, P/N 101066, 2 ½" X 3 ½" Orange vinyl flag, 30" wire length. PG/100 EA	51985	D	7.97	PG	A,N,F,M
01-454-1984	Holder, Carrier, Stake, Flag, P/N 101124, heavy-duty green, cotton duct shoulder bag with shoulder strap.	51985	J	13.85	EA	A,N,F,M
01-454-1987	Scales, Spring, Pesola, 100 gram, PN# 277502, 22 cm long X 5-cm wide w/internal spring, 0.3 lb.	51985	J	61.84	EA	A,N,F,M
01-454-1989	Scales, Spring, Pesola, 500 gram, PN# 277506, 28 cm long X 5 cm wide w/internal spring, 0.3 lb.	51985	J	61.84	EA	A,N,F,M
01-474-7402	Aspirator, Oral, Entomology Specimen Collection, Model 412, Polycarbonate plastic straight tube, 12" long with plastic coupler with nylon screen inside. 2-ft rubber tube attached to end comes with polycarbonate mouthpiece.	6T654	D	14.51	EA	A,N,F,M
01-454-2256	Aspirator, Oral, Entomology Specimen Collection, with HEPA filter for respiratory protection, Model 612, Polycarbonate plastic straight 12" tube, plastic coupler w/nylon screen, screws into 0.3 micron HEPA filter. A 2 ft rubber tube is attached to other end of filter comes with polycarbonate mouthpiece.	6T654	J	46.44	EA	A,N,F,M
01-454-2344	Point Punch, Entomology Specimen, 6" long X ¾" high X 3" wide, metal punch with spring expanded handle, wt. 0.4 lbs.	59590	J	63.24	EA	A,N,F,M
01-454-2345	Breeder, Mosquito, 8 ¾" high X 4 7/8" diameter, consists of two clear quart sized containers, a	59590	D	24.94	EA	A,N,F,M

	plastic lid between two sections contains a vinyl funnel through which the emerging adult mosquitoes fly into the upper section.					
01-454-2348	Tray, Mosquito Larval Sorter, bright white polyethylene tray, 10" wide X 13 1/2" long X 1 1/4" deep.	59590	J	17.11	EA	A,N,F,M
01-454-2341	Dipper, Entomological, white plastic 5" diameter with 3' wood handle, P/N 1132	59590	D	19.64	EA	A,N,F,M
01-454-2354	Vials, Collection, Entomology Specimen, 6-dram w/polyseal cap, 23-mm diameter, and 85-mm length.	59590	D	10.53	DZ	A,N,F,M
01-474-7377	Tweezers, Tick Removal, Stainless Steel, P/N 0621	1TJF0	D	3.00	EA	A,N,F,M
01-483-3012	Syringe, Maxforce Bait Injector	93098	Z	70.00	EA	A,N,M,F
01-456-2530	Block, Insect Pinning, 1" wide X 3" long, cut to three levels, provides correct label and specimen height on insect pins.	59590	D	4.10	EA	A,N,F,M
6530 01-451-5144	Light, UV, Hand Held, w/replacement bulb (NSN 6210-01-449-3170). 2" X 4" X 8" plastic lamp w/ wrist strap, operates with 4AA batteries, wt. 1.5 lbs. S9M	0USV5	L	----- --	EA	A,N,F,M

18. 18. Sets and Kits.

<b>NSN 3740-</b>	<b>Item (Alternate Trade Name)</b>	<b>Cage Code</b>	<b>AAC*</b>	<b>Price</b>	<b>U/I</b>	<b>Users+</b>
00-952-2180	Trap, Rodent. Model 9-552-180, 18" X 15" X 15", wt 40 lbs. <b>S9M</b>		D	<b>957.31</b>	SE	A,N,F,M
00-148-7639	Insect Control Set, Part No. MC06250.7. C/O dusters, insecticides, protective clothing and related equipment identified in Marine Corps Stock List SL 3-07705A.	80372	J	3388.35	SE	M



6545-00-952-2175	Rodent Survey Kit, Used to survey for rodents. 30" X 25" X 20", wt 170 lbs. <b>S9M</b>		X	<b>3550.86</b>	SE	A,N,F,M
6545-00-952-2178	Rodent Survey Kit #1. Used to survey for rodents. 30" X 18" X 16", wt 118 lbs. <b>S9M</b>		D	<b>2815.90</b>	SE	A,N,F,M
6545-00-982-4121	Entomological Collecting Kit, Field, 30" X 24" X 15", wt 90 lbs. <b>S9M</b>		D	<b>11289.19</b>	EA	A,N,F

19. Personal Protection Materiel.

NSN	Item (Alternate Trade Name)	Cage Code	AAC*	Price	U/I	Users+
7210-00-266-9736	Insect Net Protector, Field Type, MIL -I-10901, 200" X 68", wt 1lb. Used to protect personnel from insects while sleeping. Mildew resistant nylon fabric. S9T	81349	D	26.25	EA	A,N,F,M
7210-00-267-5641	Pole, Folding Cot, Insect Net Protector. Four 30" X 1" wood poles, wt 1 lb., used to suspend Insect Net protector, Field Type (listed above) from military cots. MIL-P-17662. S9T	81349	D	4.15	SE	A,N,F,M
7210-00-300-6950	Clamp, Insect Net Protector Rod. Used to Attach Insect Bar, Rod s (listed below) to military cots. CID A-A-55099. Requires to clamps to attach Rods and erect the Insect Net Protector. S9T	58536	D	2.75	EA	A,N,F
7210-00-359-4850	Rod, Insect Net Protector. Two T-shaped metal rods, used to suspend the Insect Bar, Field Type. Rods may be pushed into the ground. Rods do not fit into military cots, use Insect Bar, Clamp (listed above). CID A-A-55099. Two Rods, Insect Net Protector are required to erect an Insect Net Protector. S9T	58536	D	6.70	EA	A,N,F

7210-00-266-9740	Insect Net Protector, MIL-I-82265, 27"X77.5," Used to protect personnel from insects while sleeping, for use with military cots. S9T	81349	D	27.25	EA	N
8415-00-935-3130	Insect Bar, Head Net. Used to protect head and neck from mosquitoes. 30" X 20," wt 1 lb. MIL-I-11489. S9T	81349	D	5.15	EA	A,N,F,M
8415-00-935-2914	Insect Net, Hat. CID A-A-55082. Nylon Netting, AG323, Elastic Headwear Attachment. S9T	58536	D	0.35	EA	A,N,F
8415-01-192-2357	Insect Net, Mittens. MIL-S-37205. Head and hand covering; nylon; black; packaged in heat-sealed, waterproof bag. A component of Survival Kit, Individual, NSN 6545-00-139-3671, but may be ordered separately. S9T	81349	L	-----	EA	A,N,F
8415-01-035-0846	Parka, Insect Repellent. Issued with a two oz tube of 75% DEET Repellent, NSN 6840-00-753-4963, Size - Small. Wt 1 lb., MIL-J-87024. S9T	81349	D	16.55	EA	N,F,M
8415-01-035-0847	Parka, Insect Repellent. Issued with a two oz tube of 75% DEET Repellent, NSN 6840-00-753-4963, Size - Medium, Wt 1 lb. S9T	81349	D	16.55	EA	N,F,M
8415-01-035-0848	Parka, Insect Repellent. Issued with a two oz tube of 75% DEET Repellent, NSN 6840-00-753-4963, Size - Large, Wt. 1 lb. S9T	81349	D	16.55	EA	N,F,M
01-483-2988	Jacket, Bug-Out outer wear, size Small, P/N 5460A	59590	D	37.60	EA	A,N,F,M
01-483-3002	Jacket, Bug-Out outer wear, size Medium, P/N 5460B	59590	Z	37.60	EA	A,N,F,M
01-483-3004	Jacket, Bug-Out outer wear, size Large, P/N 5460C	59590	D	37.60	EA	A,N,F,M
01-483-	Jacket, Bug-Out outer wear, size XL, P/N 5460D	59590	D	37.60	EA	A,N,F,M

3007						
01-483-3008	Jacket, Bug-Out outer wear, size XXL, P/N 5460E	59590	D	42.50	EA	A,N,F,M

20. 20. Devices for Electrocution of Flying Insects, Reference Armed Forces Pest Management Board Technical Information Memorandum (TIM) No. 25, August 1988, for information on appropriate uses. See paragraph F.3, below to obtain either electronic or hard copies of TIM 25.

NSN 3740-	Item (Alternate Trade Name)	Cage Code	AAC*	Price	U/I	Users+
01-286-2361	Wall Mount, 80W, Type I, Class A, CID A-A-82587	58536	D	221.89	EA	A,N,F,M
01-286-2362	Wall Mount, 40W, Type I, Class B, CID A-A- 82587	58536	D	200.47	EA	A,N,F,M
01-286-2363	Ceiling Mount, 80W, Type II, Class A, CID A-A-82587	58536	J	272.77	EA	A,N,F,M
01-286-2364	Corner Mount, 80W, Type III, Class A, CID A-A- 82587	58536	J	228.85	EA	A,N,F,M
01-287-1036	Ceiling Mount, 40W, Type II, Class B, CID A-A-82587	58536	J	401.47	EA	A,N,F,M

### **C. C. Emergency Procurement of Pesticides and Pest Management Equipment.**

\*ACQUISITION ADVICE CODES (ACC)

Code D. DoD INTEGRATED MATERIAL MANAGER (IMM) STOCKED, AND ISSUED. Issue, transfer, or shipment is not subject to specialized controls other than those imposed by the Integrated Material Manager/Military Service supply policy.

1. The item is centrally managed, stocked, and issued.
2. Requisitions will be submitted in accordance with Military Service requisitioning procedures.

Code H. CENTRAL CONTRACT - NOT STOCKED ITEM. Direct delivery under central contract # (non-stocked items) issue, transfer, or shipment is not subject to specialized controls other than those imposed by IMM/Service/Agency supply policy.

1. The item is centrally managed and procured.
2. Normal issue is by direct shipment from the vendor to the user at the order of the ICP or IMM. However, orders for quantities less than the vendor's minimum order of quantity may be issued from stock by ICP or IMM supply distribution facilities.
3. Requisitions and fund citations will be submitted in accordance with IMM/Service/Agency requisitioning procedures.
4. Generally, delivery will be made within applicable Service/Agency guidelines addressing customer required delivery time frame.

Code J. NOT STOCKED, CONTROLLED PROCURED. Identifies IMM/Military Service centrally managed but not stocked items. Long lead times must be anticipated, since procurement will be initiated only after receipt of a requisition. Requisitions will be submitted in accordance with IMM/Military Service requisitioning procedures.

Code L. LOCAL PURCHASE. IMM/Military Service managed items authorized for local purchase, as a normal means of support, by the Military Service, or base, post, camp, or station level. Items not stocked in wholesale distribution system of IMM/Military Service ICP. The local purchase forms authorized by the individual IMM/Military Service must be used. NOTE: GSA FSS items are included.

## **E. Emergency Requisition Procedures.**

1. Deploying and/or deployed forces often need pesticides and pest management equipment on short notice. The Defense Logistics Agency has established Emergency Supply Operations Centers (ESOCs) to help meet these needs.

2. For emergency procurement of pesticides, including repellents and pest management equipment, including pesticide application equipment: Contact the Defense Supply Center Richmond (DSCR) Emergency Supply Operations Center (ESOC) at DSN 695-4865 [commercial (804) 279-4865]. This ESOC is staffed 24 hours, 7 days per week.

3. For technical logistical inquiries, contact the DSCR Chemist at DSN 695-3995 or commercial at (804) 279-3995 during normal duty hours (0730-1700 hrs eastern standard time) or via pager number 1-888-824-4030, which is available 24 hours, 7 days per week.

4. For personal protection equipment (respirators, bed nets, head nets, etc.): Contact the Defense Supply Center Philadelphia ESOC Customer Assistance Branch at DSN 444-3042/3043 or Commercial at (215) 737-3041. The Philadelphia ESOC is staffed 0630-1700 hours Monday through Friday, eastern standard time.

**F. Armed Forces Pest Management Board (AFPMB) Technical Information Memorandum (TIM) 24, “Contingency Pest Management Pocket Guide”.**

1. This TIM is intended for field use during exercises and contingency operations by deployed forces. The purpose of TIM 24 is to provide basic information on using pesticides and pest management equipment to control disease vectors and pests during field situations worldwide.

2. Most of the pesticide dispersal equipment listed in paragraph C., above, should only be used by personnel (i.e. preventive medicine or installation pest control personnel) who have been formally trained and certified in accordance with DoD 4150.7-P, “The DoD Plan for the Certification of Pesticide Applicators, September 30, 1996 or DoD 4150.7-M, “DoD Pest Management Training and Certification, April 24, 1997. All other personnel should not procure or use pesticide dispersal equipment unless specifically authorized by Service instructions, regulations, or directives.

3. You may obtain copies of TIM 24 from the AFPMB Home Page:  
<http://www.afpmb.org>

**G. AFPMB TIM 19, Catalog of DoD Pest Management Materiel, Other than Pesticides.**

1. This TIM is intended to graphically portray through electronic images, the equipment items named in this listing. Whereas this listing is updated at least three times per year, the catalog will be updated at most two times per year, so that there may be some lag between the two sources. The TIM also provides further technical details for the items on this list, and thus is designed to complement the list.

2. 2. TIM 19 is available from the AFPMB Home Page, other AFPMB publications are available from that site or by writing to: The AFPMB, ATTN: DPMIAC, Forest Glen Section, WRAMC, Washington, DC 20307-5001, or calling DSN 295-7479 or commercial (301) 295-7479. You may electronically access AFPMB publications via the AFPMB Home Page: <http://www.afpmb.org>

#### **H. List Maintenance.**

The Armed Forces Pest Management Board and Defense Supply Center Richmond in order to provide current information to the DoD Pest Management Community jointly publish this list. Comments and questions are welcome. Please sent them to: Armed Forces Pest Management Board, Equipment Committee, ATTN: Ex Officio, Forest Glen Section, WRAMC, Washington, DC 20307-5001, or phone Commercial (301) 295-7476, or DSN 295-7476, or FAX Commercial (301) 295-7476 or to Clifford Myers at DSCR (804) 279-3995 or FAX (804) 279-3653, DSN 695. Pager is 1-888-824-4030.

## **APPENDIX D**

### **DoD Contingency Pesticide List**

#### **DoD CONTINGENCY PESTICIDES**

**OCTOBER 1, 2001**

##### **A. A. Disclaimer.**

1. The Contingency Pesticide List, paragraph E., below, does not constitute procurement authority for pesticides listed herein. Use of trade names in this publication is solely for the purpose of providing information to aid in the identification of specific products and does not imply endorsement of the products named or criticism of products not mentioned. Products mentioned in this list do not constitute a guarantee or warranty of these products by the Armed Forces Pest Management Board (AFPMB), the Military Departments, or the DoD.

2. Most pesticides listed in paragraph E., below, and addressed in AFPMB TIM 24, "Contingency Pest Management Pocket Guide," should only be applied by personnel (i.e., preventive medicine or pest control personnel) who have been formally trained and certified in accordance with DoD 4150.7-P, "The DoD Plan for the Certification of Pesticide Applicators," September 30, 1996. All other personnel should not procure or use pesticides unless specifically authorized by Service instructions, regulations, or directives.

##### **B. B. Purpose.**

The purpose of the Contingency Pesticide List is to provide basic information on pesticides approved by the AFPMB Contingency Advisory Group for control of disease vectors and pests during field operations worldwide. Pesticides should be used only as a part of an integrated pest management program (IPM). IPM is an approach that combines a variety of control techniques – including physical, mechanical, educational, biological, and chemical – to prevent disease and injury or economic loss due to vector arthropods and pests. Since pesticides are usually a last resort, the IPM approach reduces our dependency on pesticides and reduces the health and environmental risks associated with pesticide treatments.

##### **C. Recording, Reporting, and Archiving Pesticide Use during Contingency Operations.**

Paragraph B.3.h., DoD Instruction 4150.7, "DoD Pest Management Program," April 22, 1996, requires that pesticide use during military operations be recorded and archived. Pesticide applicators must record all pesticide applications, excluding arthropod skin and clothing repellents, performed during military operations, on DD Form 1532-1, "Pest Management Maintenance Record," or a computer-generated equivalent. Reporting pesticide use and archiving pesticide use records shall be accomplished in accordance with Service procedures.

**D. D. Shipping Information.**

1. Pesticides listed at paragraph E., below, are suitable for contingency use by the Military Services. Refer to AF Joint Manual 24-204/TM 38-250/NAVSUP 505/MCO P4030.19G/DLAI 4145.3, "Preparing Hazardous Materials for Military Air Shipments," 1 March 1997, for additional guidance on air transportation of pesticides. The International Air Transportation Association's "Shippers Declaration for Dangerous Goods" form must be used for air transport of those pesticides, which are regulated. Service Focal Points jointly establish procedures and prepare documentation necessary to implement the manual. In accordance with paragraph 1.2.2. of this manual, users should contact their Service Focal Points for all clarification and waivers. Service Focal Points are:

Air Force. HQ AFMC/LGTP, 5215 Thurlow St., Wright-Patterson AFB, OH 45433-

5540, Phone (513) 257-4503, DSN: 787-4503.

Army. U.S. Army Safety Center/CSSC-PP, Ft. Rucker, AL 36362-5356,  
Phone: (205) 255-3553, DSN: 588-3553.

Navy. Commander, Naval Supply Systems Command, Code 4122D, 1931  
Jefferson

Davis Highway, Arlington, VA 22241-5360, Phone: (703) 607-1088,  
DSN: 327-

1088. Navy Activities get waivers from Navy Ships Parts Control  
Center, Code 0541, P.O. Box 2020, Mechanicsburg, PA 17055-0788,  
Phone (717) 790-2784, DSN: 430-2784.

Marine Corps. Commander of Marine Corps (LPP-2), Headquarters, U.S.  
Marine Corps,

2 Navy Annex, Washington, DC 20389-1775, Phone: (703) 696-1061,  
DSN: 226-1061.

Defense Logistics Agency/MMLSD, 8725 John J. Kingman Road, Suite 253, Ft  
Belvoir,

VA 22060-6219, Phone (703) 767-3673, DSN: 427-3673.

2. Shipping papers are required for all hazardous materials in transit and should be within the reach of transport drivers/operators at all times. Information contained on the shipping papers includes: proper shipping name, hazard class, and UN identification number, reportable quantity (RQ) if applicable, and package quantities or weight.

3. Marking regulations require information on the specific hazardous material to be visible or "marked" on the outside of the package. Information required to be marked on the packages includes proper shipping name, UN identification number and consignors or consignee's name.

4. Packages containing hazardous materials must have the appropriate



Department of Transportation (DOT) Label attached to the outside container. For additional instructions, refer to Attachment 15, "Labeling Hazardous Materials," in AFJM 24-204/TM 38-250/NAVSUP PUB 505/MCO P4030-19G/DLAI 4145.3.

5. The shipping information listed below is believed to be current but may be incomplete due to revisions and/or not applicable to all conditions or situations that may exist or occur. Users must verify the suitability of the shipping information listed below prior to use.

#### **E. Contingency Pesticide List.**

<b>1. HERBICIDES</b>				
The following herbicides must be applied by a DoD certified pesticide applicator or under the direct supervision of a DoD Certified pesticide applicator.				
NOMENCLATURE	U/I	AAC*	Price **	NSN
Herbicide, Isopropyl salt of glyphosate, 41% water soluble liquid, Roundup Pro, (2) 2.5-gal cont., <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number – N/A, PG - N/A, <i>DOT Label</i> – N/A	BX	D	258.07	6840-01-108-9578
Herbicide, Isopropylamine salt of glyphosate, 0.96%, water soluble liquid, Roundup Dry Pak, 25 packs per box, <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> - N/A	BX	D	57.20	6840-01-399-0673

<b>2. REPELLENTS</b>				
<b>The following repellent must be applied by trained personnel or a DoD certified pesticide applicator.</b>				
NOMENCLATURE	U/I	AAC	Price	NSN
Insect Repellent, Clothing Application, 40%	BX	D	<b>180.62</b>	6840-01-

permethrin, liquid, (12) 151-ml bottle per box, for 2 gal sprayer, <i>Proper Shipping Name</i> – FLAMMABLE LIQUIDS, N.O.S. (contains insecticide – permethrin and petroleum naphtha), <i>Hazard Class</i> – 3, UN/ID Number - UN1993, PG – III, <i>DOT Label</i> – Limited Quantity, FLAMMABLE LIQUID				334-2666
<b>All DoD personnel following label and MSDS familiarization may apply the following repellents.</b>				
Insect Repellent, Clothing Application, Aerosol, Permethrin Arthropod Repellent, (12) 6-oz cans, <i>Proper Shipping Name</i> – AEROSOLS, NON-FLAMMABLE, N.O.S. (contains insecticide - permethrin, each not exceeding 1L capacity), <i>Hazard Class</i> 2.2, UN/ID Number – UN1950, PG – III, <i>D.O.T Label</i> –NONFLAMABLE GAS	BX	D	<b>37.20</b>	6840-01-278-1336
Insect Repellent, Personal Application, 3M, (12) 2-oz tubes, <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> - N/A	BX	D	<b>56.19</b>	6840-01-284-3982
Insect Repellent, Clothing Application, Permethrin, IDA Kit, 12 kits per box, <i>Proper Shipping Name</i> – FLAMMABLE LIQUID, N.O.S. (contains insecticide – permethrin and petroleum naphtha), <i>Hazard Class</i> - 3, UN/ID Number – UN1993, PG - III, <i>DOT Label</i> - Limited Quantity, FLAMMABLE LIQUID	BX	D	<b>46.58</b>	6840-01-345-0237

### 3. INSECTICIDES

The following insecticides must be applied by a DoD certified pesticide applicator or under the direct supervision of a DoD Certified pesticide applicator.

NOMENCLATURE	U/I	AAC	Price	NSN
Insecticide, Carbaryl, 5% Dust, Sevin, (12) 4-lb	BX	D	156.17	6840-01-

bags, <i>Proper Shipping Name</i> – CARBAMATE PESTICIDES, SOLID, TOXIC, N.O.S. (contains insecticide – Carbaryl), <i>Hazard Class</i> -6.1, UN/ID Number – UN2757, PG III, <i>DOT Label</i> –KEEP AWAY FROM FOOD				033-4481
Insecticide, Cyfluthrin, Tempo SC ULTRA, (12) 240-ml bottles per box, <i>Proper Shipping Name</i> – PESTICIDES, LIQUID, TOXIC, FLAMMABLE, N.O.S. (contains insecticide – Cyfluthrin and xylene and cyclohexanone), <i>Hazard Class</i> - 6.1, UN/ID Number - UN2903, PG - III, <i>DOT Label</i> – KEEP AWAY FROM FOOD, FLAMMABLE LIQUID	BX	D	415.49	6840-01- 313-7359
Insecticide, Cyfluthrin, Tempo 20WP, (288) 9.5g packs, <i>Proper Shipping Name</i> – N/A (NOT DOT- regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> -N/A	BX	D	494.66	6840-01- 383-6251
Insecticide, Cypermethrin, Demon WP, 1-lb jar, <i>Proper Shipping Name</i> – N/A (NOT DOT- regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> -N/A	LB	D	67.34	6840-01- 390-4822

NOMENCLATURE	U/I	AAC	Price	NSN
Insecticide, Deltamethrin, Delta Dust, 1-lb container, <i>Proper Shipping Name</i> – N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> -N/A	LB	D	<b>11.11</b>	6840-01-431-3345
Insecticide, Dichlorvos (DDVP), 20%, Plastic Strip, box of 48, <i>Proper Shipping Name</i> - N/A (NOT DOT regulated), <i>Hazard Class</i> - N/A, UN/ID Number – N/A, PG - N/A, <i>DOT Label</i> -N/A	BX	D	<b>175.29</b>	6840-00-142-9438
Insecticide, Dursban, 44.9% chlorpyrifos, emulsifiable conc., 1-gal can, <i>Proper Shipping Name</i> – ORGANOPHOSPHORUS PESTICIDES, LIQUID, TOXIC, FLAMABLE, N.O.S. (contains insecticide – chlorpyrifos, and aromatic naphtha), <i>Hazard Class</i> – 6.1, UN/ID NUMBER – UN3017, PG – III, <i>DOT Label</i> – RQ >1000 lbs. (CHLORPYRIFOS), KEEP AWAY FROM FOODS, FLAMMABLE LIQUID	GL	V	<b>110.80</b>	6840-01-122-2651
Insecticide, Dursban, 44.9% chlorpyrifos, emulsifiable concentrate, Dursban 4E, 5-gal can, <i>Proper Shipping Name</i> – ORGANOPHOSPHORUS PESTICIDES, LIQUID, TOXIC, FLAMABLE, N.O.S. (contains insecticide – chlorpyrifos and aromatic naphtha), <i>Hazard Class</i> – 6.1, UN/ID Number - UN3017, PG - III, <i>DOT Label</i> – RQ>1000 lbs. (CHLORPYRIFOS), KEEP AWAY FROM FOODS, FLAMMABLE LIQUID	CN	V	<b>494.63</b>	6840-00-402-5411
Insecticide, Methoprene, Altosid XR	BX	D	<b>717.22</b>	6840-01-424-

Briquettes, 220 briquettes/Box, <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number – N/A, PG - N/A, <i>DOT Label</i> - N/A				2495
Insecticide, Methoprene, Altosid SR 20 Liquid Larvacide, (2) 2.5 –gal co/BX, <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> - N/A	BX	J	<b>6333.04</b>	6840-01-424-2493
Insecticide, Naled, 87.4%, Dibrom, Liquid, 30-gal drum, <i>Proper Shipping Name</i> - CORROSIVE LIQUID, POISONOUS, N.O.S. (contains insecticide – Naled), <i>Hazard Class</i> - 8, UN/ID Number - UN2922, PG - III, <i>DOT Label</i> – CORROSIVE, POISON	DR	J	<b>3452.30</b>	6840-01-270-9765  <b>OPERATIONAL NOTE: FOR USE IN U.S. AIR FORCE AERIAL SPRAY SYSTEMS ONLY</b>
Insecticide, Sumithrin-Piperonyl Butoxide (10%-10%), Anvil 10+10 ULV, (2) 2.5-gal co/BX	BX	Z	<b>800.00</b>	6840-01-474-7751
Insecticide, Sumithrin-Piperonyl Butoxide, (10%-10%), Anvil 10+10 ULV, 250 gal mini-bulk container	CO	D	<b>37087.50</b>	6840-01-474-7706
Insecticide Pyrethrins, 3% pyrethrins with synergists, liquid, ULV Fog Concentrate, 1-gal can, <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> – N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> - N/A	GL	D	<b>94.31</b>	6840-01-104-0780

NOMENCLATURE	U/I	AAC	Price	NSN
Insecticide, Resmethrin, Scourge, 5-gal can, <i>Proper Shipping Name</i> - N/A (NOT DOT regulated), <i>Hazard Class</i> – N/A, UN/ID # N/A, PG – N/A, <i>DOT Label</i> - N/A <b>RESTRICTED USE PESTICIDE</b>	CN	D	<b>382.13</b>	6840-01-359-8533
Insecticide, Temephos, Abate 4E, 2.5-gal cont., <i>Proper Shipping Name</i> - N/A (NOT DOT regulated), <i>Hazard Class</i> - N/A, UN/ID Number – N/A, PG - N/A, <i>DOT Label</i> - N/A	CO	J	<b>827.95</b>	6840-01-424-3132
<b>The following insecticides must be applied by trained personnel or a DoD certified pesticide applicator.</b>				
Insecticide, Bacillus thuringiensis, 10%, Bactimos Briquets, 100 briquettes per box, <i>Proper Shipping Name</i> – N/A (Not DOT regulated), <i>Hazard Class</i> - N/A, UN/ID Number – N/A, PG - N/A, <i>DOT Label</i> -N/A	BX	D	<b>70.50</b>	6840-01-377-7049
Insecticide, Lambda-cyhalothrin, Demand Pestab, 40 tablets/bottle, <i>Proper Shipping Name</i> – N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> - N/A	CO	D	<b>81.35</b>	6840-01-431-3357
Insecticide, Fly Bait, 1% methomyl (Apache/Golden Malrin/Stimukill) 5 lb. can, <i>Proper Shipping Name</i> – N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number – N/A, PG - N/A, <i>DOT Label</i> - N/A	CN	D	<b>17.60</b>	6840-01-183-7244
<b>All DoD personnel following label and MSDS familiarization may apply the following insecticides.</b>				
Insecticide, d-Phenothrln, 2% Aerosol, 12 Oz can, <i>Proper Shipping Name</i> - AEROSOLS,	CN	D	<b>6.20</b>	6840-01-412-4634

NONFLAMMABLE, N.O.S., (containing substances in Division 6.1), PG III, <i>Hazard Class</i> - 2.2, UN/ID Number – UN1950, PG -III, <i>DOT Label</i> – NONFLAMMABLE GAS				
Insecticide, Pyrethrins, allethrin, d-phenothrin, aerosol, (12) 12-oz cans (Wasp Freeze /Wasp Stopper II Plus), <i>Proper Shipping Name</i> – CONSUMER COMMODITY, <i>Hazard Class</i> – ORM-D, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> - N/A	BX	D	<b>60.69</b>	6840-00-459-2443

<b>4. RODENTICIDES</b>				
<b>The following rodenticides must be applied by trained personnel or a DoD certified pesticide applicator.</b>				
NOMENCLATURE	U/I	AAC	Price	NSN
Rodenticidal Bait, Anticoagulant, 0.005% diphacinone, 40 blocks/box, <i>Proper Shipping Name</i> – N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number – N/A, PG - N/A, <i>DOT Label</i> - N/A	BX	D	<b>48.74</b>	6840-00-089-4664
Rodenticidal Bait, Anticoagulant, 0.005-0.0055% diphacinone or 0.025-0.028% Warfarin Pellets 5-lb can, <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number – N/A, PG - N/A, <i>DOT Label</i> - N/A	CN	V	<b>9.91</b>	6840-00-753-4973
Rodenticidal Bait, Anticoagulant, 0.005% Bromadiolone (Maki) pellets, 11-lb can, <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number – N/A, PG - N/A, <i>DOT Label</i> - N/A	CN	D	<b>27.98</b>	6840-01-151-4884
Rodenticidal Bait, Anticoagulant, Brodifacoum (0.005%) Talon G, pellets, 11-lb can, <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number – N/A, PG - N/A, <i>DOT Label</i> - N/A	CN	D	<b>43.34</b>	6840-01-426-4808
Rodenticidal Bait, Anticoagulant, concentrate 0.05-0.055% diphacinone or 0.33% pindone or 0.05-0.055% 2-solvalery-1, 3-indandione, 50 POUCHES/BOX, <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number – N/A, PG - N/A,	BX	D	<b>233.84</b>	6840-00-753-4972



<i>DOT Label</i> - N/A				
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**\*ACQUISITION ADVICE CODES (AAC)**

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2. Requisitions will be submitted in accordance with Military Service requisitioning procedures.

Code H. CENTRAL CONTRACT - NOT STOCKED ITEM. Direct delivery under central contract # (non-stocked items) issue, transfer, or shipment is not subject to specialized controls other than those imposed by IMM/Service/Agency supply policy.

1. The item is centrally managed and procured.
2. Normal issue is by direct shipment from the vendor to the user at the order of the ICP or IMM. However, orders for quantities less than the vendor's minimum order quantity may be issued from stock by ICP or IMM supply distribution facilities.
3. Requisitions and fund citations will be submitted in accordance with IMM/Service/Agency requisitioning procedures.
4. Generally, delivery will be made within applicable Service/Agency guidelines addressing customer required delivery time frame.

Code J. NOT STOCKED, CONTROLLED PROCURED. Identifies IMM/Military Service centrally managed but not stocked items. Long lead times must be anticipated, since procurement will be initiated only after receipt of a requisition. Requisitions will be submitted in accordance with IMM/Military Service requisitioning procedures.

Code L. LOCAL PURCHASE. IMM/Military Service-managed items authorized for local purchase, as a normal means of support, by the Military Service, or base, post, camp, or station level. Items not stocked in wholesale distribution system of IMM/Military Service ICP. The local purchase forms authorized by the individual IMM/Military Service must be used. NOTE: GSA FSS items are included.

**\*\*Price.**

Prices listed in paragraph E, above, are as of January 1, 2001 and are subject to change. Prices are provided as a reference benchmark.

**F. Emergency Procurement of Pesticides and Pest Management Equipment.**

1. Deploying and/or deployed forces often need pesticides and pest management equipment on short notice. The Defense Logistics Agency has established Emergency Supply Operations Centers (ESOCs) to help meet these needs.

2. For emergency procurement of pesticides, including repellents and pest management equipment, pesticide application equipment, etc.: Contact the Defense Supply Center Richmond (DSCR) Emergency Supply Operations Center (ESOC) at DSN 695-4865 [Commercial (804) 279-4865]. The Richmond ESOC is staffed 24 hours, 7 days a week.

3. For technical logistical inquiries, contact the DSCR Chemist at DSN 695-3995 or commercial at (804) 279-3995 during normal duty hours [0730-1400 hrs eastern standard time (EST)] or via pager number 1-888-824-4030, which is available 24 hours, 7 days a week. Fax number is 1-804-279-3653.

4. For personal protection equipment (bednets, headnets, respirators, etc.): Contact the Defense Supply Center Philadelphia ESOC Customer Assistance Branch at DSN 444-3041/3042/3043 or Commercial at (215) 737-3041/3042/3043. The Philadelphia ESOC is staffed 0630-1700 hours Monday through Friday, EST.

**G. Armed Forces Pest Management Board (AFPMB) Technical Information Memorandum (TIM) 24, "Contingency Pest Management Pocket Guide."**

1. This TIM is intended for field use during exercises and contingency operations by deployed forces. It provides basic information on using pesticides and pest management equipment to control disease vectors and pests during field operations worldwide.

2. Most of the pesticides listed in paragraph E., above, and addressed in AFPMB TIM 24, should only be applied by preventive medicine personnel or pest control personnel who have been formally trained and certified in accordance with DoD 4150.7-P, "The DoD Plan for the Certification of Pesticide Applicators," September 30, 1996. All other personnel should not procure or use pesticides unless specifically authorized by Service instructions, regulations, or directives.

3. You may obtain copies of TIM 24 and other AFPMB publications by writing to: The Defense Pest Management Information and Analysis Center, Forest Glen Section, WRAMC, Washington, DC 20307-5001, or calling DSN 295-7479 or commercial (301) 295-7479. You may also electronically access AFPMB publications via the AFPMB home page: <http://www-afpmb.acq.osd.mil>

4. If additional information is needed to clarify specific issues, contact the AFPMB, Contingency Liaison Officer by writing to AFPMB, ATTN: Contingency

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Liaison Officer, Forest Glen Section, WRAMC, Washington, DC 20307-5001, or calling DSN 295-7476 or commercial (301) 295-7476.